First Nations Water Rights in British Columbia

A Historical Summary of the rights of the Soda Creek First Nation

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FIRST NATIONS WATER RIGHTS IN BRITISH COLUMBIA:

A Historical Summary of the rights of the Soda Creek First Nation

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Prepared for publication:	February, 2001

National Library of Canada Cataloguing in Publication Data
Steinhauer,-Jubie.
First Nations water rights in British Columbia. A historical summary of the rights of the Soda Creek First Nation

ISBN 0-7726-4465-9

1. Water rights - British Columbia - Deep Creek Indian Reserve No. 2. 2. Water rights - British Columbia - Soda Creek Indian Reserve No. 1. 3. Shuswap Indians - British Columbia - Williams Lake Region - Government relations. I. Cheevers, Sarah. II. Jolly, Diana. III. Griffith, Miranda. IV. Robinson, Gary W. V. British Columbia. Water Management Branch. VI. Title. VII. Title: Historical summary of the rights of the Soda Creek First Nation.

KEB529.5.W3S749 2001 346.71104'32 C2001-960028-3
KF8210.W38S749 2001

ACKNOWLEDGMENTS

The Ministry of Environment, Lands and Parks wishes to acknowledge three partners whose contributions were invaluable in the completion of the *Aboriginal Water Rights Report Series:*

The Ministry of Aboriginal Affairs, was a critical source of funding, support and direction for this project.

The U-Vic Geography Co-op Program, was instrumental in providing the staffing resources needed to undertake this challenging task. Through the services of June Whitmore and her office, the project benefited from the research, writing, editing and co-ordination of these outstanding students:

Jas Gill
Julie Steinhauer
Kelly Babcock
Daniella Mogus
Miranda Griffith
Christina Rocha
Rachel Abrams
Elizabeth Lee
Sara Cheevers

The services of Clover Point Cartographics Limited of Victoria, was responsible for the preparation of most of the map drawings, which form a valuable part of these documents.

In addition to these three key partners, I must acknowledge the valuable contributions of other Water Management staff, past and present, including Jack Farrell, Jim Mattison, Richard Penner, Diana Jolly, Greg Blaney, Gary Lucas and Kim Johnston.

The sheer numbers of First Nations groups' with histories of water rights made the completion of the Report Series seem, at times, prolonged. The determination, patience and vision of the partners was essential in the completion of the Series and is gratefully acknowledged.

Gary Robinson
Project Manager
Water Management Branch

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FIRST NATIONS WATER RIGHTS REPORT

BAND: Soda Creek

ADDRESS: R. R. 4, Site 15, Comp. 2, Williams Lake, B. C., V2G 4M8

CHIEF: Leonard Sellars

PHONE: 297-6323 **FAX:** 297-6300

AFFILIATION: Cariboo Tribal Council

LOCATION:

The Soda Creek Band occupy two reserves in the Williams Lake area: Deep Creek No. 2 and Soda Creek No. 1. Deep Creek No. 2 is located approximately 15 km north of Williams Lake and is comprised of 4,105.8 acres (1,661.6 hectares). Soda Creek No. 1 has an area of 1,065.2 acres (431.1 hectares), and is located approximately 30 km northwest of Williams Lake. Soda Creek No. 1 is bordered to the west by the Fraser River.

The most recent population figures compiled by the Ministry of Finance report that the Soda Creek Band has 149 persons living on-reserve as registered and non registered members. It's total population, including registered and non registered members, living on- and off-reserve, is cited as 281.

Located in the Interior Plateau region of BC, the two Soda Creek reserves sit at elevations ranging from 1,400 to 3,100 feet above mean sea level. Average daily temperatures in the area range from -10 degrees centigrade in January to between 16 and 20 degrees centigrade in July. Average rainfall for the area totals less than 30 centimetres, annually.

Water courses of significance include:

- Hawks (Deep) Creek - flows west and enters Deep Creek Reserve No. 2 on its northeast border. Hawks Creek passes through the reserve and eventually drains into the Fraser River.
- O'Keefe Lake - located on Hawks (Deep) Creek, east of Deep Creek Reserve No. 2.

- Rose Lake - located approximately 17 kilometres east of Deep Creek Reserve No. 2.

- Roselake Creek - flows west out of Rose Lake and drains into Hawks Creek, approximately 17 km southeast of Deep Creek Reserve No. 2.

- South Hawks Creek (previously named Ten Mile Spring Creek) - flows northwest, entering Deep Creek Reserve No. 2 on the southern border and merging with Hawks Creek in the middle of the reserve. Hawks Creek eventually drains into the Fraser River.

- Soda Creek - flows west, passing though the northwest corner of Soda Creek Reserve No. 1, and drains into the Fraser River.

WATER ALLOCATIONS:

There are no records of water allocations from the Indian Reserve Commission with respect to the Soda Creek Band.

The water rights of the Soda Creek Band have been determined by four actions of government over the years:

1. Lieutenant Governor-in-Council approvals by Order-in-Council, granting water rights.

2. Determinations of the Board of Investigation under the *Water Act, 1914* in response to claims filed by the Department of Indian Affairs. The Board often ratified existing water records through the issue of water licenses.

3. Granting of water licenses in response to Federal Government applications requesting authorization for the use of water on reserve lands.

4. Actions to amend licensed rights, pursuant to provisions in the *Water Act 1914*.

HISTORY, CURRENT STATUS AND NOTES:

The history of water rights, the current status of rights and notes for the Soda Creek Band, with respect to Hawks (Deep) Creek, O'Keefe Lake, Rose Lake, Roselake Creek, South Hawks Creek (Ten Mile Spring Creek) and Soda Creek are as follows:

DEEP CREEK #2

Hawks (Deep) Creek & South Hawks Creek Drainage

History:

Jun 2, 1908 The Lieutenant Governor-in-Council approved an Order granting water rights under the authority of Section 35 of the Water Clauses Consolidation Act for the use and benefit of the Williams Lake, Soda Creek and Ya-la-del-as-la Bands. As it pertains to Hawks (Deep) Creek the Order allocates 300 inches of water (equivalent to 1,980 acre feet per 120 day irrigation period) to be used at Deep Creek Reserve No. 2.

Sept 17, 1923 At a final hearing of the Board of Investigation, on claims to water rights for Indian Reserves in the Williams Lake Agency, the Board found the Water Record maintained under File 8-19-1, canceled. The record allocated 100 inches* of water from a creek which:

"crosses Waggon Road near 170 Mile Post (Lynes Creek)".

The findings note that the Record was canceled with consent of the claimants as "being of no value".

* Note: The reference to an inch of water is understood to be a "miner's inch" of water. The Water Act of 1914 defined a miner's inch as being equal to a flow of .028 cubic feet per second. Calculating this rate of flow over a 120 day irrigation season converts to the equivalent 6.664 acre feet per miner's inch.

Nov 3, 1924 At a final hearing of the Board of Investigation, acting pursuant to the *Water Act* of 1914, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of waters of Hawks (Deep) Creek was made under the authority of an Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 7077, set out that a conditional license should be issued which would:

(i) Provide for the diversion of water from Hawks (Deep) Creek;
(ii) take precedence from the 22nd day of December 1900; and

(iii) authorize the diversion of a maximum of 2,015 acre feet of water per year for the irrigation of 806 acres on Deep Creek Reserve No. 2, and 5,000 gallons of water per day for domestic purposes.

The Comptroller of Water Rights issued Conditional Water License 7811, which embodied the terms and conditions set out in Board Order 7077.

Aug 4, 1927

In accordance with applications filed by the Indian Agent at Clinton, the Comptroller of Water Rights issued four water licenses to the Superintendent General of Indian Affairs. All four licenses were given a date of precedence of June 30, 1926.

i) Conditional Water License 9085 authorized the diversion and use of up to 3,000 acre feet of water per annum from Hawks (Deep) Creek, for irrigation purposes. The license authorizes use from April 1st through to September 30th and the appurtenant land is defined as 1,200 acres of Soda Creek Reserve No. 2.

ii) Conditional Water License 9086 authorizes the storage of 3,000 acre feet of water a year in support of the diversion authorized under Conditional Water License 9085, from Hawks (Deep) Creek. Storage is authorized at a reservoir at Rose Lake from October 1st through to June 15th.

iii) Conditional Water License 9087 authorizes the diversion and use of up to 1,300 acre feet of water from Hawks (Deep) Creek per annum for irrigation purposes. The license is valid from April 1st through to September 30th, and the land upon which the license is appurtenant is defined as 520 acres of Soda Creek Reserve No. 2.

iv) Conditional Water License 9088 authorizes the storage of 1,300 acre feet of water a year in support of the diversion of water authorized under Conditional Water License 9087, from Hawks (Deep) Creek. The reservoir site is described as O'Keefe (Lower Ten Mile Lake).

Mar 14, 1928 The Superintendent General of Indian Affairs petitioned for a right-of-way over Provincial Crown Lands under Section 49 of the *Water Act*. The application requested authorization for the occupation of 1.2 acres of unoccupied Crown Land, Cariboo District, in association with Conditional Water license 9085.

Apr 4, 1928 The Comptroller of Water Rights issued a Permit to occupy 0.36 acres of unoccupied Crown Land, Cariboo District in support of Conditional Water License 9085. No permit number was granted with this Right-of-way Permit.

Nov 10, 1928 In accordance with an application filed by the Superintendent-General of Indian Affairs, the Comptroller of Water Rights issued Conditional Water License 9800. The license was given a date of precedence of August 28, 1928 and authorizes the diversion and use of up to 150 acre feet of water per annum from Ten Mile Spring Creek (now named South Hawks Creek) for irrigation purposes. The license is valid is from April 1st through to September 30th, and the appurtenant lands are defined as 60 acres, comprising part of Soda Creek Reserve No. 2.

Apr 4, 1932 The Comptroller of Water Rights issued an Order to extend the time needed for completion of works and the "putting of water to beneficial use" as defined under Conditional Water Licenses 9085, 9086, 9087 and 9088, until the 30th of September, 1932.

Nov 17, 1934 The Comptroller of Water Rights issued an Order to extend the time needed for completion of works and the "putting of water to beneficial use" as defined under Conditional Water License No. 9800, until the 31st day of December, 1937.

Dec 17, 1934 The Comptroller of Water Rights issued two notices under Section 74 of the *Water Act* stating that the Soda Creek Band had failed to construct the works for Conditional Water Licenses 9085 and 9087 within the time frame given. The Soda Creek Band was notified that on the 21st day of January, 1935, Conditional Water Licenses 9085 and 9087 were proposed to be canceled.

Feb 2, 1935 The Comptroller of Water Rights issued two Orders under Section 74 of the *Water Act* stating that in accordance with the notices of proposed cancellation, dated December 17, 1934, Conditional Water License 9085 and Conditional Water License 9087 were canceled.

On September 23, 1932 Indian Affairs had applied for an extension for the completion of the works authorized under Conditional Water Licenses 9085, 9086, 9087 and 9088; however, an extension of time was not granted by the Comptroller of Water Rights.

Mar 4, 1937 In accordance with a notice of proposed cancellation that the works authorized under Conditional Water License 9088 had not been constructed within the time frame given, the Comptroller of Water Rights canceled Conditional Water License 9088.

Jan 16, 1939

i) The Comptroller of Water Rights issued Final Water License 10457 in substitution of Conditional Water License 7811, bearing a date of precedence of December 22, 1900, and authorizing the diversion and use of up to 560 acre feet of water per annum from Hawks (Deep) Creek. Of the 560 acre feet per annum, 2,000 gallons a day was authorized for use for domestic purposes. The water is authorized for use from April 1st through to September 30th for irrigation purposes, and year round for domestic purposes. The appurtenant lands are defined as 224 acres of Deep Creek Reserve No. 2.

Accompanying Final License 10457 was Permit No. 7411, authorizing the occupation of 0.12 acres of unsurveyed Crown Land, Cariboo District.

ii) The Comptroller of Water Rights issued Final Water License 10458 to the Director of Indian Affairs. The license, issued in substitution of Conditional Water License 9086, bears a date of precedence of June 30th, 1926, and authorizes the storage of 2,340 acre feet per annum in support of the diversion of water authorized under Final Water License 10457, from Hawks (Deep) Creek. Storage is authorized from the 1st of October through to the 15th of June, at the reservoir in Rose Lake. The water source is defined as Roselake Creek.

iii) The Comptroller of Water Rights issued Final Water License 10459 in substitution of Conditional Water License 9800. The new license bears a date of precedence of August 28th, 1928 and authorizes the diversion and use of up to 122.5 acre feet per annum from South Fork Hawks Creek (Ten Mile Spring Creek), for irrigation purposes. The license is valid from April 1st through to the 30th of September, and the appurtenant lands are defined as 49 acres of Deep Creek Reserve No. 2.

Jun 15, 1939 In accordance with an application filed by the Director of Indian Affairs Branch, the Comptroller of Water Rights issued Conditional Water License 14072, bearing a date of precedence of February 22, 1939 and authorizing the diversion and use of up to 325 acre feet of water per annum from Hawks (Deep) Creek for irrigation purposes. The water is authorized for use from April 1st through September 30th. The appurtenant lands are defined as 130 acres of Deep Creek Reserve No. 2.

Feb 12, 1954 An inspection was carried out on Rose Lake Dam with respect to Final Water License 10458, and it was noted that changes had been made in some of the structures at the dam, without the notification and/or approval of the Water Rights Branch.

Aug 19, 1960 The Comptroller of Water Rights wrote a letter to the Indian Commissioner for B.C. stating that the present condition of the Rose Lake Dam authorized under Final Water License 10458, was a hazard to downstream property and life. The Indian Department was instructed to remove all stop-logs from the spillway of the dam and to leave them removed until the Water Rights Branch received a proposal indicating how the dam would be made safe. In addition, the Indian Commissioner was asked that in the future when major changes were proposed to structures authorized under water licenses, all plans and specifications should be submitted to the Water Rights Branch for review, prior to construction.

There is no further information on file with regards to this matter.

Nov 1, 1963 The Soda Creek Band applied to the Comptroller of Water Rights for a Change of Works with respect to Final Water License 10457. The new works consist of a ditch and intake, and were to be located one-fourth mile east of easterly Boundary of Deep Creek Reserve No. 2. A one-fourth mile ditch was proposed for construction on Reserve No. 2 Deep Creek. All existing works, already authorized under Final License 10457, were to remain.

Apr 23, 1964 The Comptroller of Water Rights issued an Order under Section 15 of the *Water Act* authorizing the construction of a new intake and ditch with respect to Final Water License 10457. The construction of the said works were to be completed and the water beneficially used, on or before the 31st day of December 1965.

Mar 5, 1970 The Comptroller of Water Rights issued an Order under Section 15 of the *Water Act* authorizing the use of a diversion structure and ditch with respect to Final Water License 10457.

Jan 29, 1990 The Comptroller of Water Rights issued an Order under Section 15 of the *Water Act* with respect to Final Water License 10457. Having determined that the source of the water supply was erroneously stated, clause (a) of the license was amended to read as follows:

(a) The streams on which the rights are granted are Hawks and South Hawks Creeks.

Current Status:

i) Hawks (Deep) Creek

There are currently 12 active licenses on Hawks (Deep) Creek, below O'Keefe Lake. Conditional License 14072 and Final License 10457, being second and third in priority, are the only two licenses on the Creek for the benefit of the Soda Creek Band. Of the licenses on Hawks (Deep) Creek:

- nine authorize the diversion of water for irrigation purposes, for a total quantity authorized of 2,359.2 acre feet per annum.
- three authorize the diversion of water for domestic purposes, for a total quantity authorized of 3,000 gallons of water a day.
- two authorize the diversion of water for stock watering purposes, for a total quantity authorized of 3,000 gallons of water a day.
- two authorize the storage of a total of 752.7 acre feet per annum.
- one authorizes the diversion of 1.4 acre feet of water a year for lawn watering purposes.

Note: some licenses authorize the diversion of water for more than one purpose.

Water Survey of Canada records indicates that gauging station No. 08MC013 was operating on Hawks Creek between 1931 and 1941. Data for this source is sparse, only giving flow measurements from May through till October, however, within this time frame the low mean monthly flow occurred in September, at a rate of 0.083 cubic metres per second (equivalent to approximately 1.6 million gallons per day), while the high mean monthly flow occurred in May at 0.996 cubic metres per second (equivalent to approximately 18.9 million gallons per day).

The Water Licensing Information System indicates that Hawks (Deep) Creek is fully recorded in July, August and September (see file no.'s 0239921 and 0305350).

ii) South Hawks Creek (previously named Ten Mile Spring Creek)

There are currently 7 licenses active on South Hawks Creek (Ten Mile Spring Creek). Final Water License 10457 and 10459, which are respectively second and third in priority right on this source, are the only two licenses held by the Soda Creek Band. The remaining 5 private-party licenses authorize irrigation and non-power storage uses, and range in allocation from 40 to 122.5 acre feet of water per annum. More information on these licenses is contained in the attached Stream Register Report for South Hawks Creek.

The Water Survey of Canada had no streamflow records for South Hawks Creek (Ten Mile Spring Creek); however, the Water Licensing Information System shows a possible water shortage under file 0265258.

iii) O'Keefe Lake

There are no water licenses on O'Keefe Lake for the benefit of the Soda Creek Band.

There are two private-party licenses on O'Keefe Lake. Both of the licenses authorize the diversion of water for stock watering and irrigation purposes, for a total amount authorized for stock watering of 3,000 gallons of water a day, and for irrigation 450 acre feet of water a year.

iv) Rose Lake (Roselake Creek)

There are currently 13 active licenses on Rose Lake, Final Water License 10458 being the only one held by the Soda Creek Band. Final License 10458 is first in priority on Rose Lake. Of the remaining 12 licenses, 11 authorize diversions of up to 500 gallons per day for domestic use and 1 license authorizes the use of 100 acre feet per annum for irrigation purposes. Further details regarding these licenses are contained in the attached Stream Register Report for Rose Lake.

There are no water licenses reported on Roselake Creek.

The Water Survey of Canada has no records for Rose Lake; however, the Water Licensing Information System has Rose Lake noted as fully recorded except for small domestic use, under file 5000238.

Notes:

1. The allocation of water from Hawks (Deep) Creek approved by the Lieutenant Governor-in-Council in 1908, allocated for use a larger quantity of water than is currently authorized for use by the Soda Creek Band.

2. A water record issued on "Lynes Creek" for 100 inches was canceled by the Board of Investigation with the consent of the "claimants". It is unclear who the claimants were and/or where "Lynes Creek" is located today.

3. The issue of Final Water License 10457, in substitution of Conditional Water License 7811, resulted in the loss of licensed rights on Hawks (Deep) Creek.

4. The issue of Final Water License 10458, in substitution of Conditional Water License 9086, resulted in a reduction of the volume of water authorized for storage on Rose Lake.

5. The cancellation of Conditional Water Licenses 9085, 9087 on February 2, 1935 resulted in the loss of licensed rights on Hawks (Deep) Creek for the Soda Creek Band. There is nothing on file to indicate why the application for an extension of time for Conditional Water Licenses 9085, 9086, 9087 and 9088, filed September 26, 1932, was denied.

6. The cancellation of Conditional Water License 9088 on March 4, 1937 resulted in the loss of storage rights on O'Keefe (Lower Ten Mile Lake) Lake for the Soda Creek Band.

7. The issue of Final Water License 10459, in substitution of Conditional Water License 9800, resulted in the loss of licensed rights on South Hawks Creek for the Soda Creek Band.

SODA CREEK #1

Soda Creek

History:

Nov 3, 1924

At a final hearing of the Board of Investigation, acting pursuant to the *Water Act* of 1914, the Board determined that a valid water record affecting the claim of the Department of Indian Affairs to rights to the use of waters of Soda Creek was made under the authority of an Act passed prior to the 12th day of March, 1909. The Order of the Board, numbered 7067, set out that a conditional license should be issued which would:

(i) Provide for the diversion of water from Soda Creek;
(ii) take precedence from the 21st day of July 1890; and
(iii) authorize the diversion of a maximum of 672 acre feet of water per year for the irrigation of 224 acres on Soda Creek Reserve No. 1, and 3,000 gallons of water per day for domestic purposes.

The Comptroller of Water Rights issued Conditional Water License 7810, which embodied the terms and conditions set out in Board Order 7067.

Feb 10, 1936

The Comptroller of Water Rights issued Final Water License 9599 in substitution of Conditional Water License 7810. Final License 9599 bears a date of precedence of July 21, 1890 and authorizes the diversion and use of up to 210.6 acre feet of water per annum for irrigation purposes, of which quantity 1,000 gallons a day may be used for domestic application. The license authorizes irrigation use from April 1st through to September 30th, and domestic use year round. The water may be used on 70.2 acres of Soda Creek Reserve No. 1, Cariboo Land District.

Permit No. 5256 was issued in support of Final License 9599 and authorizes the occupation of 0.57 acres of unsurveyed vacant Crown Land, Cariboo District.

Oct 3, 1955 In accordance with an application filed by Mr. R. E. Roberts, lessee, the Comptroller of Water Rights issued Conditional Water License 22713. The license was given a date of precedence of April 27, 1955, and authorizes the diversion and use of 1,000 gallons of water per day from Soda Creek for domestic purposes. The license is valid year round, and the appurtenant lands are defined as a 1.51 acre parcel within Soda Creek Reserve No. 1, Cariboo District.

Accompanying Conditional License 22713 was Permit No. 4085. Permit 4085 authorizes the occupation of 0.63 acres of a portion of land lying north of Soda Creek Reserve No. 1 and East of District Lot 9480, Cariboo Land District.

Jun 3, 1963 The Comptroller of Water Rights issued Final Water License 18103, in substitution of Conditional Water License 22713. Final License 18103 bears a date of precedence of April 27, 1955 and authorizes the diversion and use of up to 1,000 gallons of water per day from Soda Creek for domestic use. The license is valid year round and is defined as appurtenant to Parcel A of Soda Creek Reserve No. 1, comprising 1.51 acres.

Aug 12, 1963 The Comptroller of Water Rights issued an Order under Section 15 of the *Water Act*, authorizing the construction of a new intake and ditch with respect to Final Water License 9599.

May 14, 1976 The Comptroller of Water Rights placed Final Water License 18103 into the name of Soda Creek Band after the lessees of Parcel A of the Soda Creek Reserve No. 1 passed away.

Jan 27, 1983 The Regional Water Manager in the Cariboo Region sent a memorandum to the Comptroller of Water Rights regarding an amendment to provide additional domestic water under Final Water License 9599. The amendment required that the water allocated for irrigation use be reduced along with the number of irrigable acres.

Aug 12, 1983 The Director of Indian Affairs applied to the Comptroller of Water Rights for a change of works under Section 15 of the *Water Act* in order to modify Final Water License 9599. The proposed amendment to Line (e) read as follows:

(e) The maximum quantity of water which may be diverted from Soda Creek is 210.6 acre feet per annum, of which quantity 11,400 imperial gallons per day (15.35 acre feet per annum) may be used for domestic purpose.

Additionally, it was proposed that the existing intake pipe be abandoned and replaced with a wood and concrete stream intake structure. A 100 mm diameter pipeline would be used to connect the existing 100 mm pipeline. The proposed intake structure was to be used as a joint intake facility for license No. 9599 and 49494. The proposed works were to cross part of Lot 9480, Cariboo District, lying north of B. C. Railway right-of-way and east of Highway No. 97.

There is no further information on file to indicate whether this amendment proposal was formally processed.

Jan 21, 1985 The Allocation Section Head for the Cariboo, Southern Interior Region wrote to the Head of Band Operations for Indian and Northern Affairs Canada regarding the proposed amendment to Final Water License 9599. It was stated that the drawings for the proposed works were still not to an acceptable engineering drawing standard.

Current Status:

There are currently 7 active licenses on Soda Creek. Final Water License 9599, which is first in priority, and 18103, which is second in priority, are the only licenses on Soda Creek held by the Soda Creek First Nation. Three of the remaining licenses are for domestic purposes, all authorizing the use of 500 gallons of water per day; two authorize both domestic and irrigation use of 1,000 gallons of water per day for domestic, and between 47.50 and 210 acre feet per annum for irrigation. The last license is for irrigation purposes only, in the amount of 74 acre feet per year. For more information on these licenses, see attached Stream Register Reports.

Water Survey of Canada records show that Gauging Station No. 08MC030 was in operation on the Creek between 1967 and 1975. The recorded data however, only measures flow between April and September. The low mean monthly flow for this period occurred in May at 0.016 cubic metres per second (equivalent to 304,243.5 gallons per day), while the high mean monthly flow occurred in September at 0.037 cubic metres per second (equivalent to 703,563.1 gallons per day).

The Water Licensing Information System (WLIS) has a "Fully Recorded" notice for Soda Creek, under file no. 0340075.

Notes:

1. The issue of Final Water License 9599 in substitution of Conditional Water License 7810 resulted in a loss of licensed rights for the Soda Creek Band, on Soda Creek.

2. The change of works application, filed August 12, 1983, for Final Water License 9599 is still outstanding.

SODA CREEK #4

Unnamed spring

History

Sept 17, 1923 At a final hearing of the Board of Investigation, on claims to water rights for Indian Reserves in the Williams Lake Agency, the Board found the Water Record maintained under File 9-19-1, canceled. The record allocated 12 inches of water from an unnamed spring located on Soda Creek Reserve No. 4.

Apparently, Soda Creek Indian Reserve No. 4 was never constituted. The Findings of the Board (PABC - Reel B4472/WRB File No. 0-1-1), justify the cancellation in the following manner:

> *"on the ground that the reserve for which the record purports to have been made has since been disallowed."*

No further evidence regarding the location or extent of the proposed Soda Creek Reserve No. 4 was found during research for this report.

OTHER INFORMATION:

Additional Water Records:

The *Schedule of Indian Reserves in the Dominion*, 1913, is a document published by the federal government, recording each Band's water allocations up to 1913. It is believed that the records are a compilation of Minute of Decisions, Order-in-Councils, and other documents; however, as original copies of these documents are unavailable, the dates and information contained in them cannot be verified.

Allocations in the *Schedule of Indian Reserves in the Dominion* for the benefit of the Soda Creek Band, which are inconsistent with our findings, are:

Reserve	Water Allocation
Deep Creek 2	*"100 inches of water recorded from 170-mile creek."* No record can be found allocating water from a "170 mile creek". "170 Mile Creek" may have since been renamed.

Alternate Water Sources:

Groundwater Records:

A review of well records maintained by the MELP - Groundwater Section found that one well has been reported on Soda Creek Reserve No. 1. The well reportedly yields 10 gallons per minute. The extent to which it is currently utilized is unknown. For further details on this well refer to the attached Groundwater Data Summary.

As the provision of well information to the Groundwater Section is voluntary, this review should not be assumed to be complete.

Municipal Water Sources:

At this time the potential for water supply from a municipality is limited, as there are no municipal water systems in the proximity of the Soda Creek Reserves.

However, the Fraser River comprises the western border of Soda Creek Reserve No. 1 and for this reason, should be considered as a possible water supply option for the Soda Creek Band.

Water Survey of Canada records show that gauging station No. 08MD013 was operated on the Fraser River at Big Bar Creek between 1935 and 1972. A review of these records indicates that the Fraser River experienced extremely low flows during ice conditions in the winter. For the period recorded, the low mean monthly flow occurred in March at 519 cubic metres per second (equivalent to approximately 9.9 billion gallons of water per day), while the high mean monthly flow occurred in June at 3,940 cubic metres per second (equivalent to 74.9 billion gallons of water per day).

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	Licence PUC/MOD & OIC Allotments	Comments
Hawks (Deep) Creek.	1926/06/30	Deep Creek #2	0069594	CL 9088	Cancelled		1,300 AF/Storage (Storage for C 9087)	CL 9088: Associated reservoir - **O'Keefe (Lower Ten Mile) Lake**. **Cancelled**: Authorized works NOT constructed within required time frame.
Hawks (Deep) Creek	1939/02/22	Deep Creek #2	0134305	CL 14072	Current		325 AF/Irrigation	CL 14072: **Priority 3** - Hawks (Deep) Creek. **File No. 0239921**: Indicates Hawks Creek "**FULLY RECORDED**" for July - Sept.
South Hawks Creek	1928/08/28	Deep Creek #2	0083372	CL 9800	Superceded	FL 10459	150 AF/Irrigation	
South Hawks Creek	1928/08/28	Deep Creek #2	0083372	FL 10459	Current		122.50 AF/Irrigation	FL 10459: **Priority 3** - South Hawks Creek. **File No. 0265258**: Indicates **possible water shortage** - South Hawks Creek.
Roselake Creek	1926/06/30	Deep Creek #2	0069593	FL 10458	Current		2,340 AF/Storage (In support: FL 10457)	FL 10458: Associated reservoir - **Rose Lake**. **Priority 1** - Rose Creek. **File 5000238**: Noted "**FULLY RECORDED**".
Soda Creek	1890/07/21	Soda Creek #1	0007067	CL 7810	Superceded	FL 9599	3,000 GAD/Domestic 672 AF/Irrigation	CL 7810: Embodied terms/conditions of **Board Order 7067**.

Summary of Water Records

Soda Creek

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	Licence PUC/MOD & OIC Allotments	Comments
Hawks (Deep) Creek	1908/06/04	Deep Creek #2		OIC: Water Record No. 136			*"300 inches out of Deep Creek to be used at Soda Creek Indian Reserve"* (AGBC #677)	Water Record No. 136: Formally recognized by Province in **Board Order 7077**; resulted in issue of CL 7811.
Hawks (Deep) Creek	1900/12/22	Deep Creek #2	0007077	CL 7811	Superceded	FL 10457	5,000 GAD/Domestic 2,015 AF/Irrigation	
Hawks (Deep) Creek	1900/12/22	Deep Creek #2	0241140	FL 10457	Current		2,000 GAD/Domestic 560 AF/Irrigation	CL 10457: **Priority 2** - Hawks (Deep) Creek.
Hawks (Deep) Creek	1926/06/30	Deep Creek #2	0069593	CL 9085	Cancelled		3,000 AF/Irrigation	CL 9085: **Cancellation**: Authorized works NOT constructed within required time frame.
Hawks (Deep) Creek	1926/06/30	Deep Creek #2	0069593	CL 9086	Superceded	FL 10458	3,000 AF/Storage (In support: CL 9085)	CL 9086: Associated reservoir - **Rose Lake.**
Hawks (Deep) Creek	1926/06/30	Deep Creek #2	0069594	CL 9087	Cancelled		1,300 AF/Irrigation	CL 9087: **Cancellation**: Authorized works NOT constructed within required time frame.

Water Source	Priority Date	Reserve Name	File No.	Document Type	Status	Superceded By	Licence PUC/MOD & OIC Allotments	Comments
Soda Creek	1890/07/21	Soda Creek #1	0241139	FL 9599	Current		1,000 GAD/Domestic 210.6 AF/Irrigation	FL 9599: **Priority 1** - Soda Creek. **Amendment application**: Aug 1983; No info on file regarding current status.
Soda Creek	1955/04/27	Soda Creek #1	0207669	CL 22713	Superceded	FL 18103	1,000 GAD/Domestic	
Soda Creek	1955/04/27	Soda Creek #1	0207669	FL 18103	Current		1,000 GAD/Domestic	FL 18103: **Priority 2** - Soda Creek. **Soda Cr.**: Noted as "**FULLY RECORDED**" (refer to File 0340075.

LEGEND:

Licence Types (Document Types)
CL: Conditional Licence
FL: Final Licence

Mechanisms for Allocation (Document Type)
OIC: Order-in-Council (as issued by the Luitenant Governor in Council)
MOD: Minute of Decision (as recorded under the Indian Reserve Commission)
IRC: Indian Reserve Commission
AGBC: Attorney Generals Office of BC (followed by File #)

Allotment Units (Licence PUC/MOD & OIC Allotments)
GAD: Gallons a day
AF: Acre feet
CFS: Cubic feet per second

AGBC 677

1369

At the Executive Council Chamber, Victoria, B. C.

The 2nd: *day of* June, , *A. D. 190* 8.

Present:

The Honourable

Mr. McBride. *in the Chair.*

Mr. Fulton.

Mr. Tatlow.

Mr. Young.

Mr.

On the recommendation of the Honourable

The Chief Commissioner of Lands & Works

and under the provisions of _____ *Chapter* 190: R.S.

~~Administrator~~

His Honour the ~~Lieutenant Governor~~ *of British Columbia,*

by and with the advice of his ~~Executive~~ *Council, doth order as*

follows: That the Water Records referred to in the annexed

Minute be and are hereby ratified and confirmed, and that a

certified copy of the Minute ~~attached hereto~~ be forwarded to

the Assistant Commissioner of Lands and Works at Barkerville,

and to A. W. Vowell, Superintendent of Indian Affairs at

Victoria, respectively.

A. Campbell Redgrave

Deputy Clerk ~~of~~ Executive Council.

APPROVED AND ORDERED THIS _____ DAY OF _____ A.D. 190 8

DC notified 5/6

369

To His Honour
The ~~Lieutenant Governor~~ Administrator in Council.

copy in dup. for: intd to 2nd Sept to 20/3/09

The undersigned has the honour to report for the consideration of Council:-

That the following Water Records have been issued by the Assistant Commissioner of Lands & Works at Barkerville under the provisions of Section 35 of the Water Clauses Consolidation Act without first having obtained the authority of His Honour the Lieutenant Governor in Council as provided by said Section.

Water Record No. 48, dated August 15th, 1899, issued to E. Bell, Indian Agent, for 100 inches of water from Five Mile Creek, to be used on Williams Lake Indian Reserve.

Water Record No. 136, dated December, 22nd, 1900, issued to Soda Creek Indian Reserve by Indian Agent E. Bell for 300 inches out of Deep Creek to be used at Soda Creek Indian Reserve at Deep Creek.

Water Record No. 165, dated August 19th, 1902, issued to E. Bell, Indian Agent, for 100 inches out of Ya-la-del-as-la Creek, to be used on the Ya-la-del-as-la Indian Reserve No. 4, Kluskus Lake,

AND TO RECOMMEND, that the aforementioned Water Records be ratified and confirmed as from their respective dates of issue, subject to such prior rights as existed, and that certified copy of this Minute if approved, be forwarded to the Assistant Commissioner of Lands and Works at Barkerville and to A. W. Vowell, Superintendent of Indian Affairs at Victoria, respectively.

Dated this 30 day of May A.D. 1908

Chief Commissioner of Lands and Works.

Approved this 2nd day of June, A.D. 1908.

Presiding Member of the Executive Council.

(80)

Findings of the Board of Investigation on Claims to Water Rights for Indian Reserves in the Williams Lake Agency heard at Williams Lake on Monday, the 17th of September, 1923.

Conditional Water Licences will issue in due course on these findings unless objections are filed with the Board before the 31st of December, 1923.

Alexandria I. R. No.1. File 3-19-1.

Source:- Cuisson (4-Mile) Creek.
Quantities:- Irrigation - 224 acres at 3 acre feet per acre.
Domestic - 5000 gallons a day.
Priority:- 27th November 1890.

Plans of the works proposed to be constructed from Cuisson Creek for the irrigation of this Reserve are to be filed with the Board before the 31st day of December, 1924.

Alexandria I. R. No.3. File 4-19-1.

Source: - Springs.
Quantities:- Irrigation - 27 acres at 3 acre feet per acre.
Domestic - 5000 gallons a day.
Priority:- 27th November, 1890.

Plans showing the position of the springs and the works proposed to be constructed are to be filed with the Board on or before the 31st day of December, 1924.

Alkali Lake I. R. No.1. File 1-20-1.

Claim to "100"inches of water to be taken from Alkali Lake Creek" is disallowed on the ground that it is based only on an unauthorized allotment of water made by the Indian Reserve Commissioner.

Alkali Lake I. R. No.2. File 2-20-1.

Claim to "the water of two small streams from which the Indians obtain their water" is disallowed on the ground that it is based only on an unauthorized allotment of water purporting to have been made by the Indian Reserve Commissioner.

Alkali Lake I. R. No.6 (Wyeott's Flat.) File 3-20-1.

Source:- Harper's Lake, also known as Green Lake lying in Lot 2, Group 6.
Priority:- 23rd February, 1891.

The hearing of this claim is adjourned to permit the Indian Department's engineers to make further examination of the source of supply and possibility of making beneficial use of the water, if any.

PABC - REEL B4472
WRB FILE 0-1-1

81

Anahim Flat I.R. File 15-20-1.

(1) Source:- Anahim Creek.
Quantity:- Irrigation - 448 acres at 3 acre feet per acre.
Domestic - 30,000 gallons a day.
Priority:- 27th November, 1890.

File 16-20-1.

(2) Source:- Zemasco Creek.
Quantity:- Irrigation - 224 acres at 3 acre feet per acre.
Domestic - 10,000 gallons a day.
Priority:- 27th November, 1890.

Canim Lake I. R. No.1. File 17-19-1.

Source:- Creek on North Side of Reserve.
Quantity:- Irrigation - 336 acres at 2 acre feet per acre.
Domestic - 7,000 gallons a day.
Priority:- 23rd February, 1891.

Canoe Creek I. R. No.1. File 7-20-1.

Claim to "one hundred inches of water from Canoe Creek" is disallowed on the ground that it is based only on an unauthorised allotment of water made by the Indian Reserve Commissioner.

Canoe Creek I. R. No.2. File 8-20-1.

Claim to "one hundred inches of water from Canoe Creek" is disallowed on the ground that it is not founded on any known record of water.

Canoe Creek I. R. No.2 File 9-20-1.

Source:- a small stream in the Reserve (Intake "H" W.R.Map No.4626).
Quantity:- Irrigation - 45 acres at 3 acre feet per acre.
Domestic - 3,000 gallons a day.
Priority:- 23rd February, 1891.

Canoe Creek I. R. No.3. Files 10 and 11-20-1.

Source:- An unnamed tributary of Dog Creek;
Quantity:- Irrigation - 224 acres at 3 acre feet per acre.
Domestic - 3,000 gallons a day.
Priority:- 23rd February, 1891.

The Indian Department is required to file plans before the 31st day of December, 1924, showing the position of the land to be irrigated.

Canoe Creek I. R. No.4 (Spillmouse) File 12-20-1.

Claim to water from a creek flowing through the Reserve is disallowed on the ground that the Reserve for which the allotment of water purports to have been made was abandoned.

Dog Creek I. R. No.1. File 4-20-1.

Source:- Dog Creek
Quantity:- Irrigation - 112 acres at 3 acre feet per acre.
Domestic - 3,000 gallons a day.

PABC - REEL B4472
WRB FILE 0-1-1

Priority:-23rd February, 1891.

Quesnel I. R. No.4 (Rich Bar). File 2-19-1

Source:- A stream in the north end of the Reserve.
Quantity:- Irrigation - 54 acres at 2½ acre feet per acre.
Domestic - 1,500 gallons a day.
Priority:- 27th November, 1890.

Plans of the works proposed to be constructed for the irrigation of this Reserve are to be filed with the Board on or before the 31st day of December, 1924.

Soda Creek I. R. No.1. File 6-19-1.

Source:- Soda Creek (Intake "B" W.R.Map 7211).
Quantity:- Irrigation - 224 acres at 3 acre feet per acre.
Domestic - 3,000 gallons a day.
Priority:- 1st July, 1890.

Soda Creek I. R. No.2 (Deep Creek). File 7-19-1.

Source:- Hawkes (Deep)Creek.
Quantity:- Irrigation - 806 acres at 2½ acre feet per acre.
Domestic - 5,000 gallons a day.
Priority:- 22nd December, 1900.

Source:- Lynes Creek. File 8-19-1.

This record of 100 inches of water from the creek which crosses the Waggon Road near the 170 mile post "Lynes Creek) is cancelled with the consent of the claimants as being of no value.

Soda Creek I. R. No.4. File 9-19-1.

Water Record dated 27th November, 1890, for 12 inches of water from a spring in the Reserve is cancelled on the ground that the reserve for which the record purports to have been made has since been disallowed.

Stone I. R. No.1. File 17-20-1.

Claim to Water Record dated 27th November, 1890, for 100 inches of water from Menton Creek.

Objection to the confirmation of this Record having been raised by counsel for the holder of C.L.2385 for water from the same source the hearing was adjourned to a place and date to be fixed by the Board.

Toosey I. R. No.1. File 18-20-1.

(1) Source:- Rioke Creek.
Quantity:- Irrigation - 224 acres at 3 acre feet per acre.
Domestic - 8,000 gallons a day.
Priority:- 27th November, 1890.

(2) File 19-20-1.
Source:- Mackin Creek.
Quantity:- Irrigation - 448 acres at 3 acre feet per acre.
Domestic - 8,000 gallons a day.
Priority:- 27th November, 1890.

PABC - REEL B4472
WRB FILE 0-1-1

Williams Lake I. R. No.1. File 11-19-1.

(1) Claim to "the waters of the two streams flowing through this Reserve" is disallowed on the ground that it is based only on an unauthorized allotment of water made by the Indian Reserve Commissioner.

(2) File 12-19-1.

Source:- Five Mile Creek.

Claim to Water Record No.48 dated 15th August, 1899, for 100 inches of water out of Five Mile Creek to be used on Williams Lake Indian Reserve.

Hearing adjourned to allow the Indian Department to put in a written reply to the objection raised by Mr. Crosina.

(3) Source:- Valley Creek. File 13-19-1.
(W.L.2126)
Quantity:- Irrigation - 105 acres to the east of San Jose River (old Meason pre-emptions) at 2½ acre feet per acre.
Domestic - 12,000 gallons a day.
Priority:- 22nd June, 1866.

(4) Source:- a lake about one mile from the 156-mile post. File 16-19-1.
Priority:- 9th June, 1870.

The hearing of this claim is adjourned to permit the Indian Department's engineers to make examination of the source of supply and to allow the Department time to produce evidence of title to the land to which the record is claimed to be appurtenant.

Williams Lake I. R. No.2. File 15-19-1.

Claim to "the whole of the water flowing from the Lake included in the area of this Reserve" is disallowed on the ground that it is based only on an unauthorized allotment of water made by the Indian Reserve Commissioner.

Dated this 25th day of October, 1923.

BOARD OF INVESTIGATION.

"J.S.T.Alexander" Member.

"J.E.Lane" Member.

PABC - REEL B4472
WRB FILE 0-1-1

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 7067, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Soda Creek Indian Reserve (No.1, Soda Creek).

Superseded by Final Licence 9599

Made and entered this 2nd day of December, 1924

E. A. Cleveland
Comptroller of Water Rights.

Form No. 1000, W.R.B. (Licence in respect of Board Order)—800-324-3784

No. 7810

Copy for [illegible]

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

DETERMINATION AND ORDER

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, 1914."

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters

of Soda Creek, a tributary of Fraser River,

in the neighbourhood of Soda Creek, in the

Cnocnel CARIBOO Water District.

NOW, on the 17th day of September, 1923, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 6-19-1) that a valid water record affecting the said claim was made under authority of an Act passed prior to the 12th day of March, 1909, and that, under the said water record, the Soda Creek tribe or band of Indians was granted a right to take and use water from Soda Creek, a tributary of Fraser River, for irrigation and domestic purposes on the Soda Creek Indian Reserve, being Reserve No.1 of the said tribe or band.

Form 186. W.R.B.—200-324-57

Order No. 7067.

7810

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a*.) The sources of the water supply is Soda Creek, a tributary of Fraser River.

(*b*.) The points of diversion from the said sources is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c*.) The date from which the said licence shall take precedence is 21st July, 1890.

(*d*.) The purpose for which the water is to be used is irrigation.

(*e*.) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 672 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is 3 acre-feet: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f*.) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g*.) The water may be used on the Soda Creek Indian Reserve (No.1, Soda Creek) of which 224 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h*.) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i*.) The execution of the said works shall be commenced or resumed on or before the first day of June, 1925, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j*.) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(*k*.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

Board Order No. 7067.

7810

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 3,000 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ---------- acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ---------- and it may be stored (accumulated) in a reservoir at ---------- between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*e*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 117 of the said Act.

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this 3rd day of November, 1922.

THE BOARD OF INVESTIGATION.

By "J.S.T.Alexander", Chairman.

and "J.E.Lane", *Member.*

7211

Form 387. W.R.B.—2,000-12-20.

Order No. 7067

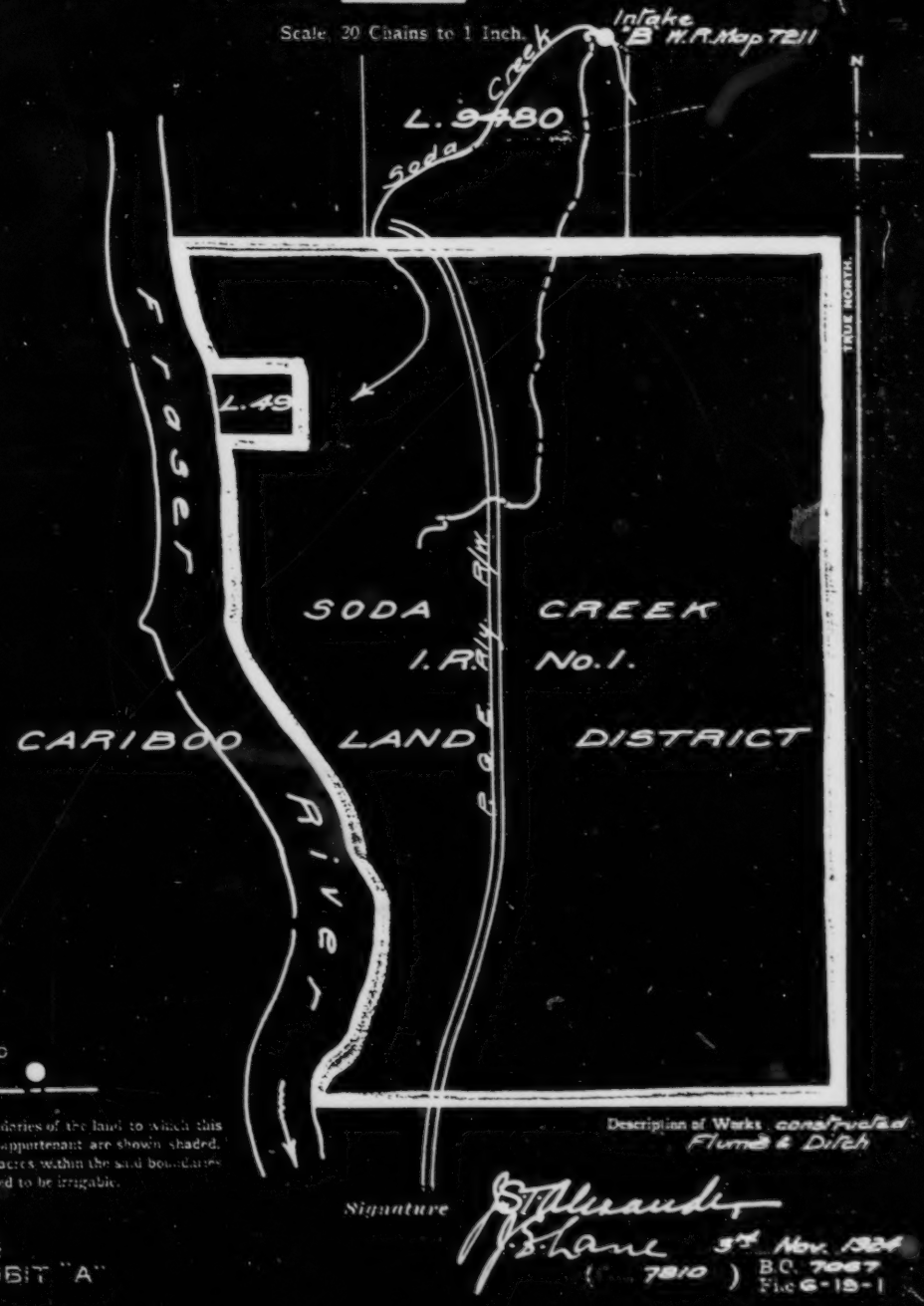
7810

British Columbia

To accompany Board Orde[illegible] 7067

QUESNEL —— WATER DISTRICT.

Scale: 20 Chains to 1 Inch.



LEGEND
Intake
Ditch

The boundaries of the land to which this licence is appurtenant are shown shaded. 224 acres within the said boundaries are claimed to be irrigable.

Description of Works constructed: Flume & Ditch

Signature: S. Alexander
J. B. Lane
3rd Nov. 1924

(7810) B.C. 7067
File 6-15-1

EXHIBIT "A"

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(For an Irrigation Purpose.)

WHEREAS the Board of Investigation, constituted and acting under the "Water Act, 1914," duly held an investigation respecting the water set out in the order No. 7077, duplicate of which is hereto attached, and in the said order directed the Comptroller of Water Rights to issue a conditional licence in respect of the particular record and claim respectively set out therein, and further therein named the terms and conditions to be embodied in the said licence:

NOW, THEREFORE, I, Comptroller of Water Rights of the Province of British Columbia, in pursuance of the said order and in conformity with the "Water Act, 1914," issue this conditional licence, and declare the rights in and to the use of the said waters held under the said record in respect of the said claim to be such as are set out in the said order; and the terms and conditions of the said order and any exhibits which are therewith incorporated are hereby incorporated herewith and form a part hereof. This licence is appurtenant to Doop Crook Indian Reserve (No.2 Soda Creek).

Superseded by Final Licence

Made and entered this 3rd day of November, 1932.

E. A. Cleveland

Comptroller of Water Rights.

No. 7811

Form No. 1008, W.R.B. (Licence in respect of Board Order)—500-324-5764

The Licence completed if made on the application of the date of the Order in Council (3) of Class 2 Irrigation dated the 30th day of April 1932. (sd) J.H. Lee Thomson (sd) E. Dan McInnis. Water Board.

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

DETERMINATION AND ORDER

(FOR A CONDITIONAL WATER LICENCE FOR IRRIGATION PURPOSES.)

BY THE BOARD OF INVESTIGATION
UNDER THE "WATER ACT, 1914."

In the Matter of the Claims of the Department of Indian Affairs to Rights to the Use of the Waters

of Hawks (Deep) Creek, a tributary of Fraser River,

in the neighbourhood of Soda Crook, in the

Quesnel CARIBOO Water District.

NOW, on the 17th day of September, 1923, the above-entitled matter coming on regularly for final hearing before the Board of Investigation; due notice having been given of the time and place of hearing; all and every the steps required under the Act to be taken by the Board before a determination of the said rights and claims should be made having been taken; all evidence, testimony, and proofs filed with the Board or presented in the above-entitled matter having been duly considered; a quorum of the Board being present at the hearing; and the Board being now fully advised in the premises, determines with respect to the said claims (which are on file and designated as Indian File No. 7-19-1) that a valid water record affecting the said claim was made under authority of an Act passed prior to the 12th day of March, 1909, and that, under the said water record, the Soda Crook tribe or band of Indians was granted a right to take and use water from Hawks (Deep) Creek, a tributary of the Fraser River, for irrigation and domestic purposes on the Deep Crook Indian Reserve, being Reserve No.2 of the said tribe or band.

Form 1st. W.R.B.—300-124-27

Order No. 7077.

7811

2. The claims of the Department of Indian affairs with respect to the said waters are allowed by the Board to the extent hereinafter specified, and the Comptroller of Water Rights is hereby directed to issue a conditional licence in respect thereof embodying the following terms and conditions:—

(*a.*) The sources of the water supply are Hawks (Deep) Crook, a tributary of Fraser River.

(*b.*) The points of diversion from the said sources are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(*c.*) The date ~~for~~ from which the said licence shall take precedence is 22nd December, 1900.

(*d.*) The purpose for which the water is to be used is irrigation.

(*e.*) The maximum quantity of water per annum which may be used when irrigation is extended to all the lands mentioned in subclause (*g*) of this clause, until lawfully altered, is 2015 acre-feet, and the maximum quantity of water which may be used per annum on each acre actually irrigated until lawfully altered is 2½ acre-feet: Provided that where sources of supply other than those named in subclause (*a*) hereof are drawn upon for the irrigation of a part or all of the same lands as are described in subclause (*g*) hereof, the maximum quantity of water which may be used under the licence hereby directed to be issued shall be reduced by the quantity which the licensee may be entitled to use from said other sources of supply: Provided further that when the Engineer of the Water District has accumulated the requisite hydrographic data for determining to the satisfaction of the Comptroller the *pro rata* part of the said total quantity to be apportioned to the licence hereby directed to be issued, the Comptroller shall require the surrender of the licence, and shall amend the same by stating the particular quantity to which the licensee is entitled from the particular sources named therein.

(*f.*) The period of the year during which the water may be used is between the first day of April and the thirtieth day of September.

(*g.*) The water may be used on the Deep Creek Indian Reserve (No.2, Soda Creek) of which 806 acres are said to be irrigable. The extent and location of the said irrigable lands are more particularly shown in the said Exhibit "A."

(*h.*) The works which are required to be constructed before the issue of a final licence are the clearing, stumping, and levelling of the irrigable lands on the said reserve and the additional works required for conducting thereto the maximum quantity of water hereby authorized to be diverted.

(*i.*) The execution of the said works shall be commenced or resumed on or before the first day of June, 1925, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said works shall be completed and the quantity of water to which the licensee is entitled beneficially used for the purpose set out in the licence on or before the first day of November, 1930.

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

Board Order No.7077.

7811

Copy for Comptroller

(*l.*) The nature and the extent of the incidental uses permitted under the licence are: For domestic purposes, the use of 5,000 gallons a day of water from any or all the said sources of supply during the whole of the year; and for storage purpose, such quantity of water (not exceeding ---------- acre-feet) as, together with the natural flow-water used hereunder, will be necessary to secure to the licensee the quantity granted hereunder. The water which may be so stored shall be that of ---------- and it may be stored (accumulated) in a reservoir at ---------- between the first day of October in each year and the first day of June in the succeeding year, and may be used as provided for in subclauses (*d*), (*e*), and (*f*) of this clause, but such uses shall not enlarge the quantity of water allowed by subclause (*e*) hereof.

(*m.*) The Board may extend the time for the commencement, resumption, or completion of the execution of the works on being satisfied that it is in the public interest and that it will not injuriously affect the rights of any licensee.

(*n.*) The licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part V. of the "Water Act, 1914," and shall be subject to all the provisions of the said Act, including the filing of proof of the completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 117 of the said Act.

3. Pending the issue of the licence hereby authorized to be issued, the terms and conditions of this order shall govern the respective rights of the record-holders or claimants affected thereby.

Made and entered this 3rd day of November, 1920.

THE BOARD OF INVESTIGATION.

By "J.S.T.Alexander", Chairman.

and "J.E.Lane", *Member.*

7212

Form 387, W.R.B.—2,000-12-20.

Order No. 7077.

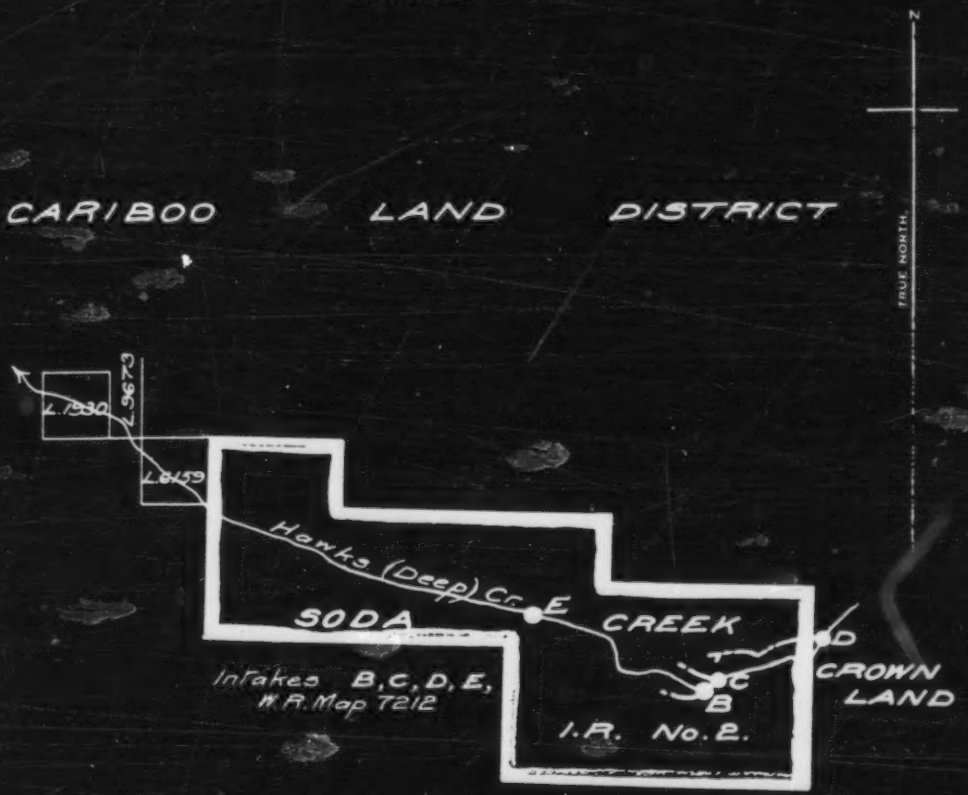
7811

British Columbia

To accompany Board Order No. 7077

QUESNEL —— WATER DISTRICT.

Scale, 80 Chains to 1 Inch.



LEGEND
Intake
Ditch
Road
The boundaries of the land to which this licence is appurtenant are shown shaded.
806 acres within the said boundaries are claimed to be irrigable.

Description of Works

Signature J. Stalexander
J.B. Lane 3rd Nov. 1924.

7811 | B.C. 7077 File 7-19-1

EXHIBIT "A"

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(IRRIGATION.)

Appurtenant to 1200 acres of Soda Creek Indian Reserve (No.2, Soda Creek).

WHEREAS THE SUPERINTENDENT-GENERAL OF INDIAN AFFAIRS, whose post-office address is Ottawa.

as owner or lawful occupant of the land hereinafter specified, has applied for a licence to take and use water in the manner hereinafter set out, and has taken all the preliminary steps required of such applicant under the "Water Act" prior to the issue of this licence, and is, under the said Act, entitled thereto:

Now, therefore, in pursuance of the said Act, this conditional licence is issued, granting the licensee hereunder the right to take and use water under the following terms and conditions:—

(1.) The source of the water-supply is Hawks (Deep) Creek, located as shown in the Exhibit "A" hereto attached.

(2.) The point of diversion from the stream ~~is~~ are located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is attached to the counterfoil of this licence on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(3.) The date from which this licence shall take precedence is 30th June, 1926.

CANCELLED - Sec. 7A 2/2/35

(4.) The purpose for which the water is to be used is irrigation ~~and incidentally domestic use~~

(5.) The maximum quantity of water which may be diverted for use upon the lands mentioned in clause (7) hereof when all of the said lands are under irrigation is, until lawfully altered 3,000 acre-feet per annum, and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is 2.5 acre-feet: Provided that of the said - - - - - acre-feet there may be used - - - - - - - - - - gallons of water a day throughout the whole year for domestic purpose.

(6.) The period of the year during which the water may be used is 1st April to 30th September

(7.) The area and description of the lands upon which the water may be used are 1200 acres, comprising part of Soda Creek Indian Reserve (No.2 Soda Creek).

The extent and location of the said irrigable lands are further shown in the said exhibit "A."

Licence Number 9085

W.R.B. 1004 (1)—Conditional Licence—Irrigation—1M-627-5451

File No. 069593.

ORIGINAL

(8.) The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, ~~19~~ 1930.

(9.) Works for the diversion and the carriage of the water as set forth in the exhibit marked "B" which is hereto attached made a part hereof shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction ~~shall be commenced on or before the~~ has already been commenced.

~~day of, 19~~

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, ~~19~~ 1930.

(10.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(11.) This licence is supplementary to - - - - - - - - Licence No. - - - - - for the diversion of - - - - - acre-feet per annum from - - - - - - - - - - - - - and Licence No. - - - - - for the diversion of - - - - - - - acre-feet per annum from - - - - - - - - - - - - -

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

EXHIBIT "B"

(APPROVAL OF PLANS AND LIST OF WORKS TO BE CONSTRUCTED.)

The works which are accepted as necessary and suitable for the taking and (or) using of the water under the above-mentioned licence, and which are more fully set out in the plans and specifications filed in the office of the Comptroller of Water Rights numbered 513841 B

as altered, amended, or limited by supplemental plans and specifications numbered

or in letters or other documents referred to as 567033 A

which plans and specifications as thus altered, amended, or limited are hereby approved, are as follows:—

Ditches.

File No. 069593.

Comptroller of Water Rights.

W.R.B. 1083 (Approval of Plans)—8,300-227-7030—(Forming part of Conditional Water Licence No. 9085)

RECEIVED ON
MAR 1975
BY Plans

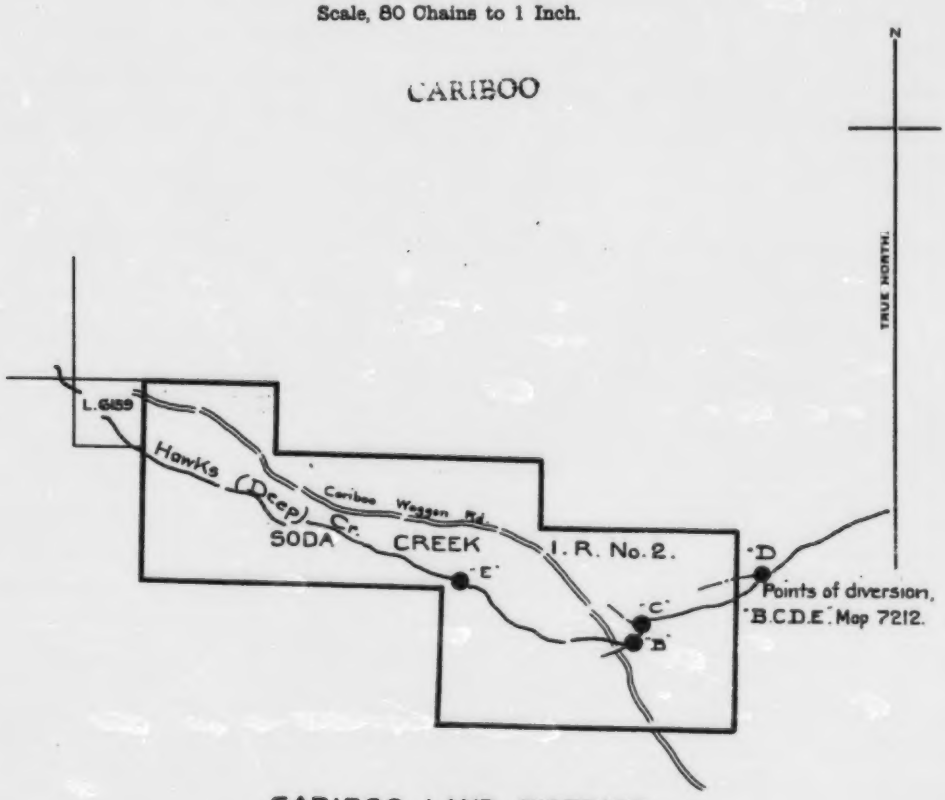
ORIGINAL

British Columbia.

To accompany Conditional Licence No. 9085 Precinct.

QUESNEL WATER DISTRICT.

Scale, 80 Chains to 1 Inch.



CARIBOO LAND DISTRICT.

The boundaries of the land to which this licence is appurtenant are shown shaded, & 1200 acres within the said boundaries are claimed to be irrigable

Total area.

EXHIBIT "A"

Signature J. Macdonald

Date 4 Aug 1927

C.L. 9085.
File 069593.
(For Storage see C.L. 9086

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

FOR STORAGE PURPOSE.

Appurtenant to 1200 acres of Soda Creek Indian Reserve

(No. 2 Soda Creek)

WHEREAS THE SUPERINTENDENT-GENERAL OF INDIAN AFFAIRS, whose post-office address is Ottawa, Canada as owner or lawful occupant of the land, mine, or undertaking hereinafter mentioned, has applied for a licence to store water; and

Whereas a licence has been previously issued or made in respect of the said land, mine, or undertaking, being Conditional Licence No. 9085 (hereinafter called the "diversion licence"), authorizing the beneficial use of 3000 acre-feet (Quantity.) of water per annum for Irrigation purpose, which quantity of water the water to be stored under the licence hereby issued is intended to supply in whole or in part; and

Whereas the said applicant has taken all the preliminary steps required of him under the "Water Act," prior to the issue of this licence, and is, under the said Act, entitled thereto:

Now, therefore, in pursuance of the said Act, this conditional licence is issued, granting a right to store water under the following terms and conditions:—

(a.) The source of the supply is Hawks (Deep) Creek and the reservoir Rose Lake

(b.) The point or points of diversion from the stream or streams, and the points where the stored water is to be placed in and taken from any natural watercourse or any dry gulch or draw is shown in the exhibit marked "A," hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria.

(c.) The date from which this licence and the right to store water thereunder shall take precedence is 30th June, 1926

(d.) The purpose for which the stored water is to be used is that set out in the diversion licence.

(e.) The maximum quantity of water which may be stored under this licence, estimated for the time being at 3000 acre-feet per annum, is such quantity as, together with the quantity of natural-flow water used under the diversion licence will be necessary to secure to the licensee the quantity to which he is entitled under the said diversion licence.

(f.) The period of the year during which the water may be stored is from the 1st day of October to the 15th day of June but it may be retained in the reservoir until required for use under the diversion licence subject to the approval of the Engineer of the Water District.

Superseded by Final Licence

File No. 069593.

Licence Number 9086

W.R.B. 1068 (1) (Conditional Licence—Storage)—1M-126-2220

ORIGINAL

(*g.*) The land, mine, or undertaking on which or in respect of which the water may be used is as set out in the diversion licence.

(*h.*) The works which are required to be constructed consist of all the works set out in exhibit "B" hereto attached, which is incorporated herewith and made a part hereof.

(*i.*) The construction of the said works ~~shall be commenced on or before the~~ has already been commenced.

~~day of~~ ....., ~~19~~....., and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(*j.*) The said construction shall be completed and the water beneficially used for the purpose set out in this licence on or before the 1st day of November, 19 30.

(*k.*) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(*l.*) This licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part II. of the "Water Act," and shall be subject to all the provisions of the said Act, including the filing of proof of completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 74 of the said Act.

(*m.*) .....

Issued this 4th day of August, 192 7.

File No. 069593.

H. Macdonald

Comptroller of Water Rights.

Licence Number 9086

W.R.B. 1008 (2) (Conditional Licence—Storage)—1M-129-3220

ORIGINAL

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

EXHIBIT "B"

(APPROVAL OF PLANS AND LIST OF WORKS TO BE CONSTRUCTED.)

The works which are accepted as necessary and suitable for the taking and (or) using of the water under the above-mentioned licence, and which are more fully set out in the plans and specifications filed in the office of the Comptroller of Water Rights numbered 513841 B

as altered, amended, or limited by supplemental plans and specifications numbered Plans 2847 A,D,E,F,G.

or in letters or other documents referred to as 567033 A

which plans and specifications as thus altered, amended, or limited are hereby approved, are as follows:—

dam with spillway: 15 feet wide.

File No. 069593.

J. Macdonald

Comptroller of Water Rights.

W.R.B. 1003 (Approval of Plans)—2,500-227-7000—Forming part of Conditional Water Licence No. 9086.

ENTERED ON
Map No. 7212-7376
By RDW

ORIGINAL

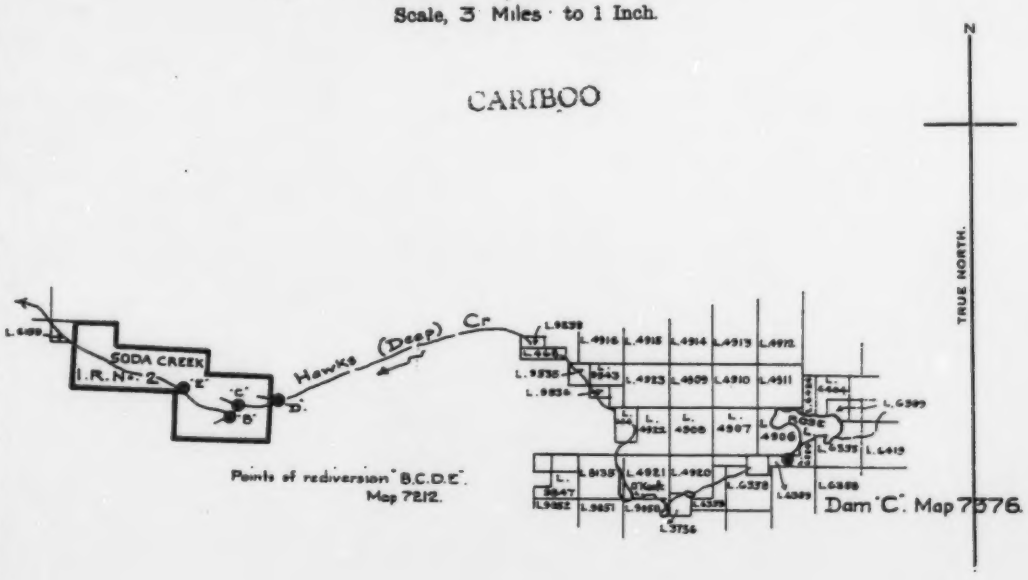
British Columbia.

To accompany Conditional Licence No. 9086 Precinct.

QUESNEL WATER DISTRICT.

Scale, 3 Miles to 1 Inch.

CARIBOO



CARIBOO LAND DISTRICT

The stored water may be carried through the natural channels of Hawks (Deep) Cr. rediverted at "B.C.D.E" Map 7212 & taken by ditches etc. to place of use.

The boundaries of the land to which this licence is appurtenant are shown shaded.

Signature J. Macdonald

Date 4 Aug. 1927

EXHIBIT "A"

C.L. 9086
File 069593.
(For diversion see C.L. 9085)

PROVINCE OF BRITISH COLUMBIA. WATER RIGHTS BRANCH. DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

(IRRIGATION.)

Appurtenant to 520 acres of Soda Creek Indian Reserve (No.2 Soda Creek).

WHEREAS THE SUPERINTENDENT-GENERAL OF INDIAN AFFAIRS, whose post-office address is Ottawa, Canada.

as owner or lawful occupant of the land hereinafter specified, has applied for a licence to take and use water in the manner hereinafter set out, and has taken all the preliminary steps required of such applicant under the "Water Act" prior to the issue of this licence, and is, under the said Act, entitled thereto:

Now, therefore, in pursuance of the said Act, this conditional licence is issued, granting the licensee hereunder the right to take and use water under the following terms and conditions:—

(1.) The source of the water-supply is Hawks (Deep) Creek, located as shown in the Exhibit "A" hereto attached.

(2.) The point of diversion from the stream is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is attached to the counterfoil of this licence on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(3.) The date from which this licence shall take precedence is 30th June, 1926.

CANCELLED — Sec. 7 4/2/35

(4.) The purpose for which the water is to be used is irrigation ~~and incidentally domestic use~~.

(5.) The maximum quantity of water which may be diverted for use upon the lands mentioned in clause (7) hereof when all of the said lands are under irrigation is, until lawfully altered 1300 acre-feet per annum, and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is 2.5 acre-feet: Provided that of the said - - - - - acre-feet there may be used - - - - - - - - - - gallons of water a day throughout the whole year for domestic purpose.

(6.) The period of the year during which the water may be used is 1st April to 30th September.

(7.) The area and description of the lands upon which the water may be used are 520 acres, comprising part of Soda Creek Indian Reserve (No.2 Soda Creek).

The extent and location of the said irrigable lands are further shown in the said exhibit "A."

Licence Number 5087

W.R.B. 1004 (1)—Conditional Licence—Irrigation—1M-GT-8451

File No. 069594.

ORIGINAL

(8.) The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, ~~192~~ 1930.

(9.) Works for the diversion and the carriage of the water as set forth in the exhibit marked "B" which is hereto attached made a part hereof shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction has already been commenced. ~~shall be commenced on or before the~~ ..... ~~day of ..... 192~~.

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, ~~192~~ 1930

(10.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(11.) This licence is supplementary to - - - - - - - - Licence No. - - - - - for the diversion of - - - - - acre-feet per annum from - - - - - - - - - - - - and Licence No. - - - - for the diversion of - - - - - - acre-feet per annum from - - - - - - - - - - - - - - - - - - ; but no more than - - - - - - acre-feet of water (exclusive of the quantity allowed for seepage and evaporation) may be diverted from all sources for use upon the lands described in clause 7 hereof.

(12.) This licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clauses (1) and (11) hereof and complete information obtained respecting the requirements of all lands watered therefrom and the licensee shall surrender the licence for amendment when called upon to do so.

(13.) This licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part II. of the "Water Act," and shall be subject to all the provisions of said Act, including especially the provisions of section 74 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

(14.) .....

Issued this 4th day of August, 192 7.

File No. 069594.

J. Macdonald
Comptroller of Water Rights.

Licence Number 3087

W.R.B. 1004 (2)—Conditional Licence—Irrigation—1M-626-5041

ORIGINAL.

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

EXHIBIT "B"

(APPROVAL OF PLANS AND LIST OF WORKS TO BE CONSTRUCTED.)

The works which are accepted as necessary and suitable for the taking and (or) using of the water under the above-mentioned licence, and which are more fully set out in the plans and specifications filed in the office of the Comptroller of Water Rights numbered 513842 B

as altered, amended, or limited by supplemental plans and specifications numbered

or in letters or other documents referred to as 567033 A

which plans and specifications as thus altered, amended, or limited are hereby approved, are as follows:—

Ditches.

File No. 069594.

Comptroller of Water Rights.

W.R.B. 1091 (Approval of Plans) 2,300-227-7000 (Forming part of Conditional Water Licence No. 9087)

ENTERED ON MAP No. 17212 By RVW

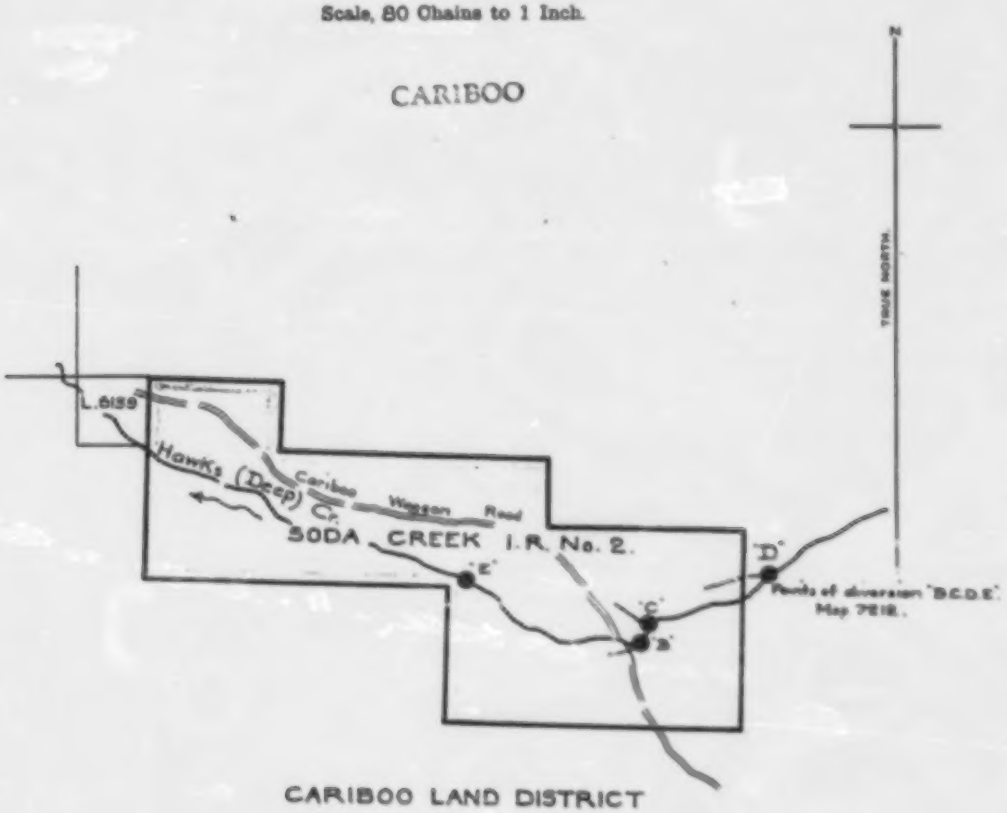
ORIGINAL

British Columbia.

To accompany Conditional Licence No. 9087 Precinct.

QUESNEL WATER DISTRICT.

Scale, 80 Chains to 1 Inch.



CARIBOO LAND DISTRICT

The boundaries of the land to which this licence is appurtenant are shown shaded. • 880 ocs within the said boundaries are claimed to be irrigable

Signature J. Macdonald

Date 4 Aug. 1927

EXHIBIT "A"

C.L. 9087

File 069594

(For Storage on C.L. 9088

W A T E R A C T

Section 74

CANCELLATION ORDER.

BEFORE THE COMPTROLLER OF WATER RIGHTS:

In accordance with the notice of proposed cancellation dated 28th day of January, 1937, Conditional Licence No. 9088 is hereby cancelled.

DATED at Victoria, B. C. this 4th day of March, 1937.

Comptroller of Water Rights.

File 069594

9088

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

FOR STORAGE PURPOSE.

Appurtenant to ...520 acres of Soda Creek Indian Reserve (No.2 Soda Creek).....

WHEREAS .....THE SUPERINTENDENT-GENERAL OF INDIAN AFFAIRS....., whose post-office address is .....Ottawa, Canada.....

as owner or lawful occupant of the land, mine, or undertaking hereinafter mentioned, has applied for a licence to store water; and

Whereas a licence has been previously issued or made in respect of the said land, mine, or undertaking, being .....Conditional.....Licence No.....9087.....(hereinafter called the "diversion licence"), authorizing the beneficial use of.....1300 acre-feet.....of water per annum (Quantity.)

for .....Irrigation.....purpose, which quantity of water the water to be stored under the licence hereby issued is intended to supply in whole or in part; and

Whereas the said applicant has taken all the preliminary steps required of him under the "Water Act," prior to the issue of this licence, and is, under the said Act, entitled thereto:

Now, therefore, in pursuance of the said Act, this conditional licence is issued, granting a right to store water under the following terms and conditions:—

CANCELLED Section 24

(a.) The source of the supply is .....Hawks (Deep) Creek,.....

and the reservoir .....is O'Keefe (Lower Ten Mile Lake) Lake.....

(b.) The point or points of diversion from the stream or streams, and the points where the stored water is to be placed in and taken from any natural watercourse or any dry gulch or draw is shown in the exhibit marked "A," hereto attached, which is incorporated herewith and made a part hereof, the original of which exhibit is on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria.

(c.) The date from which this licence and the right to store water thereunder shall take precedence is .....30th June, 1926.....

(d.) The purpose for which the stored water is to be used is that set out in the diversion licence.

(e.) The maximum quantity of water which may be stored under this licence, estimated for the time being at .....1300..... acre-feet per annum, is such quantity as, together with the quantity of natural-flow water used under the diversion licence will be necessary to secure to the licensee the quantity to which he is entitled under the said diversion licence.

(f.) The period of the year during which the water may be stored is from the .....1st.....day of .....October..... to the .....15th.....day of.....June..... but it may be retained in the reservoir until required for use under the diversion licence subject to the approval of the Engineer of the Water District.

Licence Number 9088

W.R.B. 1008 (1) (Conditional Licence—Storage)—1M-126-3220

File No. 069594.

ORIGINAL

(g.) The land, mine, or undertaking on which or in respect of which the water may be used is as set out in the diversion licence.

(h.) The works which are required to be constructed consist of all the works set out in exhibit "B" hereto attached, which is incorporated herewith and made a part hereof.

(i.) The construction of the said works ~~shall be commenced on or before the~~ has already been commenced, ~~day of ..... 192...~~, and shall be prosecuted with due diligence and in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

(j.) The said construction shall be completed and the water beneficially used for the purpose set out in this licence on or before the 1st day of November, ~~192~~ 1930.

(k.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(l.) This licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part II. of the "Water Act," and shall be subject to all the provisions of the said Act, including the filing of proof of completion of the said works and the putting of the water to such beneficial use within the time limited by the provisions of section 74 of the said Act.

(m.) .....

Issued this 4th day of August, 1927.

File No. 069594.

J. Macdonald
Comptroller of Water Rights.

Licence Number 9088

W.R.R. 1008 (2) (Conditional Licence—Storage)—1M-126-3230

ORIGINAL

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

EXHIBIT "B"

(APPROVAL OF PLANS AND LIST OF WORKS TO BE CONSTRUCTED)

The works which are accepted as necessary and suitable for the taking and (or) using of the water under the above-mentioned licence, and which are more fully set out in the plans and specifications filed in the office of the Comptroller of Water Rights numbered 513842 B

as altered, amended, or limited by supplemental plans and specifications numbered Plans 2847 A,B,C,D,G,E.

or in letters or other documents referred to as 567033 A

which plans and specifications as thus altered, amended, or limited are hereby approved, are as follows:—

Dam with spillway 15 ft. wide.

File No. 069594

J. Macdonald

Comptroller of Water Rights.

W.R.B. 1403 (Approved by CM) 3-800-777-7000—(Relating part of Conditional Water Licence No. 9088

Map No. 7214, 7871

By PRW

ORIGINAL

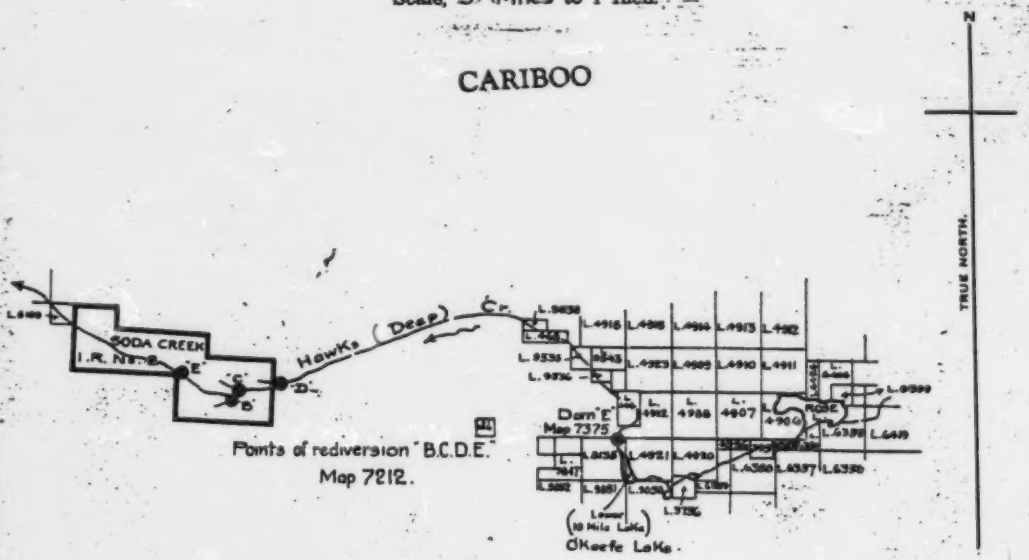
British Columbia.

To accompany Conditional Licence No. 9088 Precinct.

QUESNEL WATER DISTRICT.

Scale, 3 Miles to 1 Inch.

CARIBOO



CARIBOO LAND DISTRICT

The stored water may be carried through the natural channels of Hawks (Deep) Cr. rediverted at "B.C.D.E". Map 7212 & taken by ditches, etc. to place of use.

The boundaries of the land to which this licence is appurtenant are shown shaded.

Signature J. Macdonald

Date 4 Aug. 1927

EXHIBIT "A"

C.L. 9088
File 069594
(For diversion see C.L. 9087)

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.
(IRRIGATION.)

Appurtenant to 60 acres of Soda Creek Indian Reserve No. 2.

WHEREAS SUPERINTENDENT-GENERAL OF INDIAN AFFAIRS, whose post-office address is Ottawa.

as owner or lawful occupant of the land hereinafter specified, has applied for a licence to take and use water in the manner hereinafter set out, and has taken all the preliminary steps required of such applicant under the "Water Act" prior to the issue of this licence, and is, under the said Act, entitled thereto:

Now, therefore, in pursuance of the said Act, this conditional licence is issued, granting the licensee hereunder the right to take and use water under the following terms and conditions:—

(1.) The source of the water-supply is Ten Mile Spring Creek, tributary of Hawks (Deep) Creek.

(2.) The point of diversion from the stream is located as shown in the exhibit marked "A" hereto attached, which is incorporated herewith and made a part hereof, the original of which is attached to the counterfoil of this licence on file in the office of the Comptroller of Water Rights, Parliament Buildings, Victoria, B.C.

(3.) The date from which this licence shall take precedence is 28th August, 1928.

(4.) The purpose for which the water is to be used is irrigation ~~and incidentally domestic use~~.

(5.) The maximum quantity of water which may be diverted for use upon the lands mentioned in clause (7) hereof when all of the said lands are under irrigation is, until lawfully altered 150 acre-feet per annum, and such additional quantity as the District Engineer may from time to time determine should be allowed for seepage and evaporation; and the maximum quantity which may be used on any acre of the said lands in any year is 2.5 acre-feet: Provided that of the said - - - - - acre-feet there may be used - - - - - - gallons of water a day throughout the whole year for domestic purpose.

Issued for 10 [illegible] Final Licence

(6.) The period of the year during which the water may be used is 1st April to 30th September

(7.) The area and description of the lands upon which the water may be used are 60 acres, comprising part of the Soda Creek Indian Reserve No. 2.

The extent and location of the said irrigable lands are further shown in the said exhibit "A."

Licence Number 9800

W.R.B. 1004 (1)—Conditional Licence—Irrigation—1M-927-0412

File No. 083372.

(8.) The said lands shall be properly prepared for irrigation and irrigated beneficially from the said works on or before the 1st day of November, 19 32.

(9.) Works for the diversion and the carriage of the water as set forth in the exhibit marked "B" which is hereto attached and made a part hereof shall be constructed in a workmanlike manner and to the satisfaction of the Comptroller of Water Rights.

The said construction shall be commenced on or before the 31st day of March, 19 29.

The said construction shall be prosecuted with due diligence and to the satisfaction of the Comptroller and shall be completed on or before the 1st day of November, 19 32.

(10.) Before any change is made in the said works which would be a material deviation from the plans as approved or the works as accepted by the Comptroller, plans of such proposed change must be filed with the Comptroller and approved by him.

(11.) This licence is supplementary to - - - - - Licence No. - - - - - for the diversion of - - - - - acre-feet per annum from - - - - - - - - and Licence No. - - - for the diversion of - - - - - - - acre-feet per annum from - - - - - - - - , but no more than - - - - acre-feet of water (exclusive of the quantity allowed for seepage and evaporation) may be diverted from all sources for use upon the lands described in clause (7) hereof.

(12.) This licence is subject to readjustment when hydrometric surveys have been made of the sources of supply mentioned in clauses (1) and (11) hereof and complete information obtained respecting the requirements of all lands watered therefrom and the licensee shall surrender the licence for amendment when called upon to do so.

(13.) This licence shall not in any way be deemed to be a final licence for the use of water, but shall have the effect only of a conditional licence issued under Part II. of the "Water Act," and shall be subject to all the provisions of said Act, including especially the provisions of section 74 thereof requiring the filing of proof of the completion of the said works and of making beneficial use of the water as authorized within the time herein prescribed.

(14.) .....

.....

.....

.....

.....

Issued this 10th day of November, 19 2

File No. 083372.

J. Lawrence Macdonald

Comptroller of Water Rights.

Licence Number .....

W.R.B. 1004 (2)—Conditional Licence—Irrigation—1M-927-5412

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

EXHIBIT "B"

(APPROVAL OF PLANS AND LIST OF WORKS TO BE CONSTRUCTED).

The works which are accepted as necessary and suitable for the taking and (or) using of the water under the above-mentioned licence, and which are more fully set out in the plans and specifications filed in the office of the Comptroller of Water Rights numbered 645989 B

as altered, amended, or limited by supplemental plans and specifications numbered

or in letters or other documents referred to as

which plans and specifications as thus altered, amended, or limited are hereby approved, are as follows:—

ditches

File No. 083372.

Comptroller of Water Rights.

W.R.B. 1005 (Approval of Plans)—3M-628-5474—Forming part of Conditional Water Licence No. 9800

ORIGINAL

8/

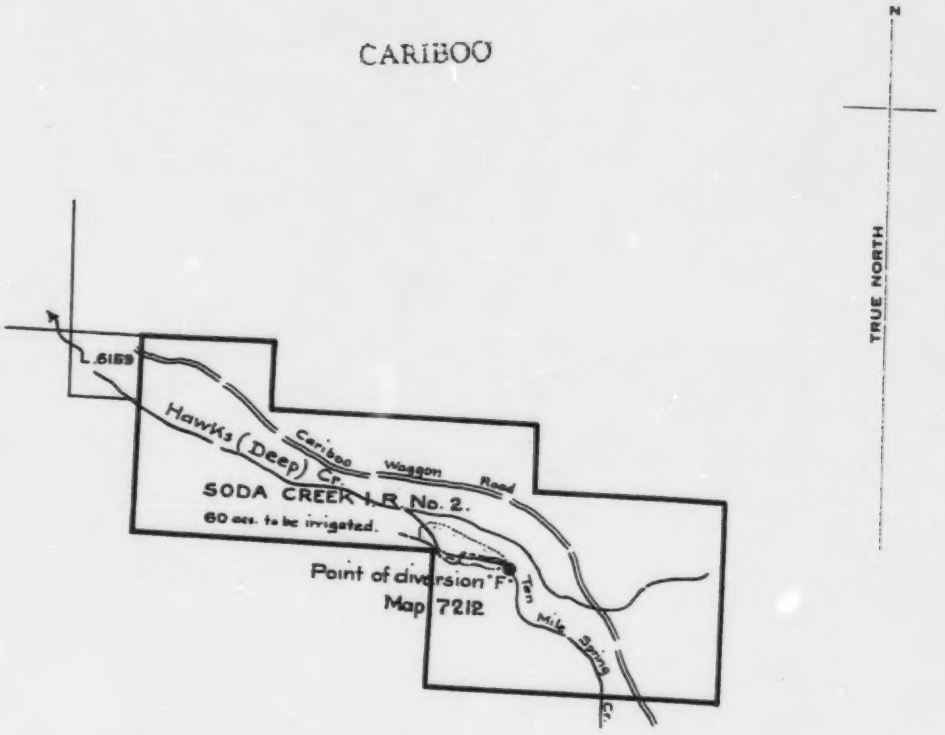
British Columbia.

To accompany Conditional Licence No. 9800

QUESNEL WATER DISTRICT

Scale, 80 Chains to 1 Inch.

CARIBOO



CARIBOO DISTRICT

The boundaries of the land to which this licence is appurtenant are shown shaded.

W.H.L.
E.M.

Signature J. Macdonald

Date. 10th Nov. 1928

EXHIBIT "A"

C.L. 9800.
File 083372

W.R.B. 11 5-1288-7827

PROVINCE OF BRITISH COLUMBIA. **WATER RIGHTS BRANCH.** DEPARTMENT OF LANDS.

CONDITIONAL WATER LICENCE.

Director of Indian Affairs Branch, of Ottawa, Ontario, is

hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is Hawks (Deep) creek, tributary of Fraser river.

(b.) The point of diversion is located as shown on the attached plan.

(c.) The date from which this licence shall have precedence is 22nd February, 1939.

(d.) The purpose for which the water is to be used is irrigation.

(e.) The maximum quantity of water which may be diverted is 325 acre feet per annum

and such additional quantity as the District Engineer may from time to time determine should be allowed for losses.

(f.) The period of the year during which the water may be used is 1st April to 30th September.

(g.) The land upon which the water is to be used ~~and to which this licence is appurtenant~~ is 130 acres of Deep Creek Indian Reserve No. 2,

as shown on the attached plan.

(h.) The works for the diversion and carriage of the water are dam and ditches

and have been ~~shall be~~ commenced ~~on or before the day of~~ 19 and shall be completed and the water beneficially used on or before the 31st day of December, 1942.

(i.)

ENTERED ON
Map No. 1159
By [illegible]

E. Davis
Comptroller of Water Rights.

File No. 0134305 Date issued June 15, 1939. Licence No. 14072

10

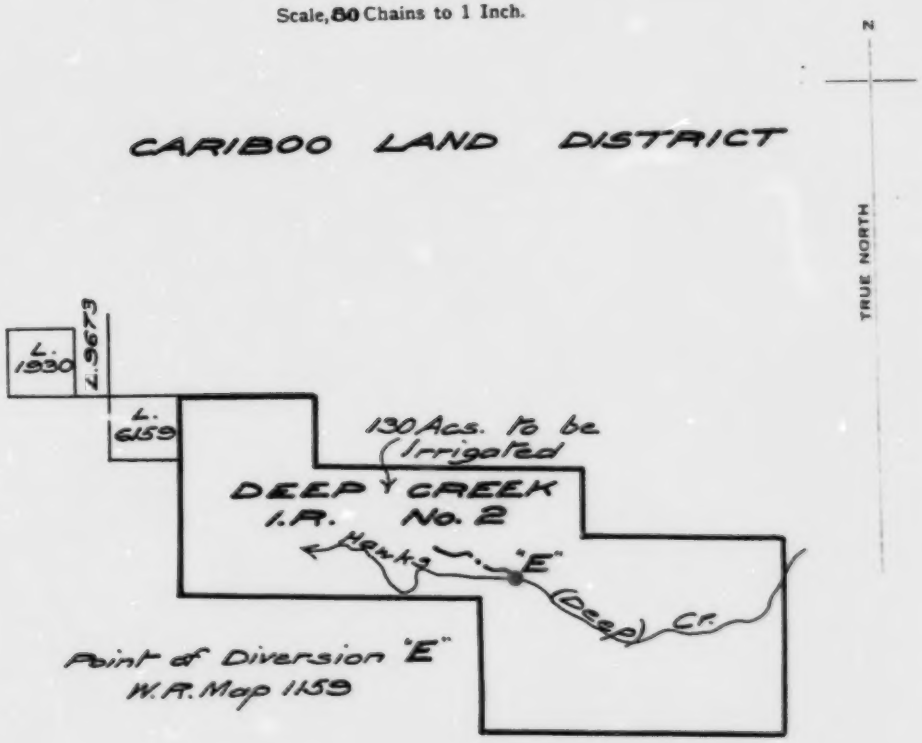
British Columbia.

To accompany Conditional Licence No. ~~1~~ 1072

CARIBOO WATER DISTRICT.

Scale, 80 Chains to 1 Inch.

CARIBOO LAND DISTRICT



Signature E. Davis

Date 15th June 1939

C.L. ~~1~~ 1072
File ~~23~~ 7305

EXHIBIT "A"

W.R.B. 1:—2M-954-2771

PROVINCE OF BRITISH COLUMBIA

Water Rights Branch

DEPARTMENT OF LANDS AND FORESTS

CONDITIONAL WATER LICENCE

Ronald Earl Roberts of Soda Creek, B.C.

is hereby authorized to divert and use water as follows:—

(a) The source of the water-supply is Soda Creek.

(b) The point of diversion is located as shown on the attached plan.

(c) The date from which this licence shall have precedence is 27th April, 1955.

(d) The purpose for which the water is to be used is domestic.

(e) The maximum quantity of water which may be diverted is 1000 gallons a day, and such additional quantity as the Engineer may from time to time determine should be allowed for losses.

(f) The period of the year during which the water may be used is the whole year.

(g) The land upon which the water is to be used and to which this licence is appurtenant is a 1.51 acre parcel A within Indian Reserve No.1, Soda Creek, Cariboo District.

(h) The works authorized to be constructed are pipe, and they shall be located approximately as shown on the attached plan.

(i) The construction of the said works shall be commenced on or before the 30th day of April, 19 56, and shall be completed and the water beneficially used on or before the 31st day of December, 19 57.

(j) This licence does not authorize the use of water in any building other than the one first constructed on the land described in clause (g) after the issue of the licence.

ENTERED ON
Map No. 1157
By [illegible]

Superseded by Final Licence 25103.

K. F. Paget,
Comptroller of Water Rights.

File No. 0207669 Date issued October 3rd, 1955 Licence No. 22713

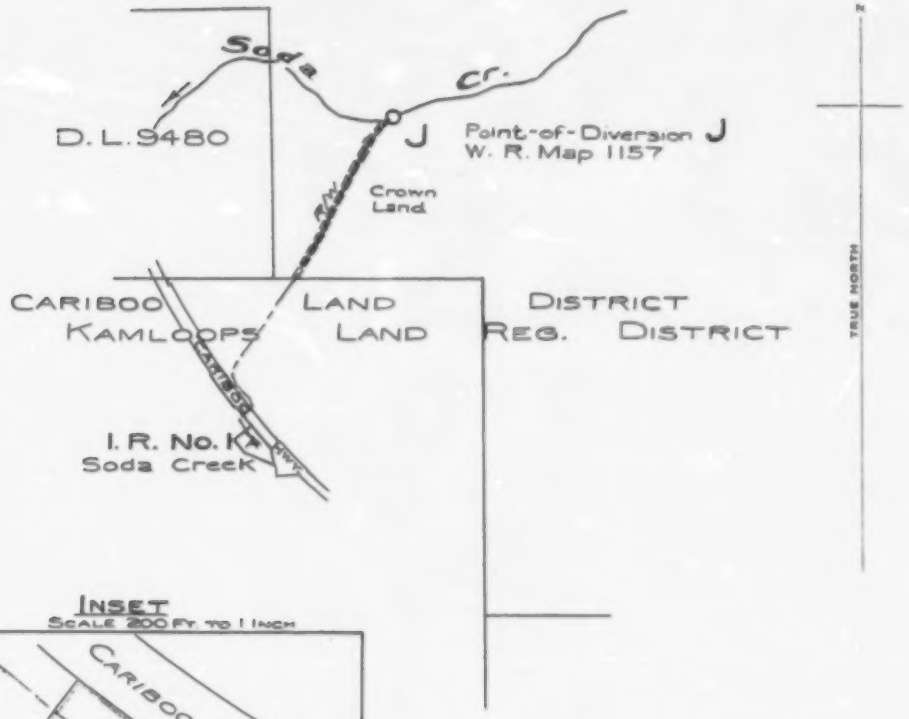
9.

British Columbia

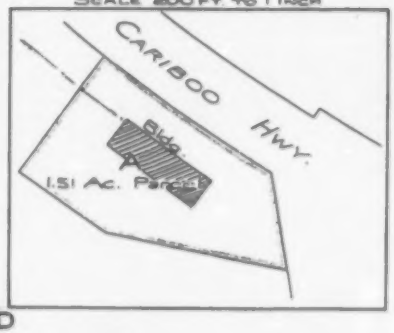
To accompany Conditional Licence No. 22713
And Permit for Right-of-Way over Crown Land

CARIBOO WATER DISTRICT

Scale: 20 Chains to 1 Inch



INSET
SCALE 200 FT. TO 1 INCH



LEGEND

Point of Diversion O
Pipe
Right-of-Way

The boundaries of the land to which this licence is appurtenant are shown thus:

Signature [signature]

Date 3rd Oct., 1955

C.L. 22713
File 0207069
Permit No: 4085

EXHIBIT "A"

For R/W see Ref. Map 27 (D-6)

ORDER

WATER ACT

Section 15

FILE NO. 02/41139

In the matter of Final Water Licence 9599, Soda Creek, which authorizes the diversion of water for irrigation and domestic purposes.

Being satisfied that no person's rights will be injuriously affected, I hereby authorize the construction of a new intake and ditch to be located approximately as shown on the attached amended plan, in addition to the works previously authorized.

The construction of the said works shall be completed and water beneficially used on or before the 31st day of December, 1965.

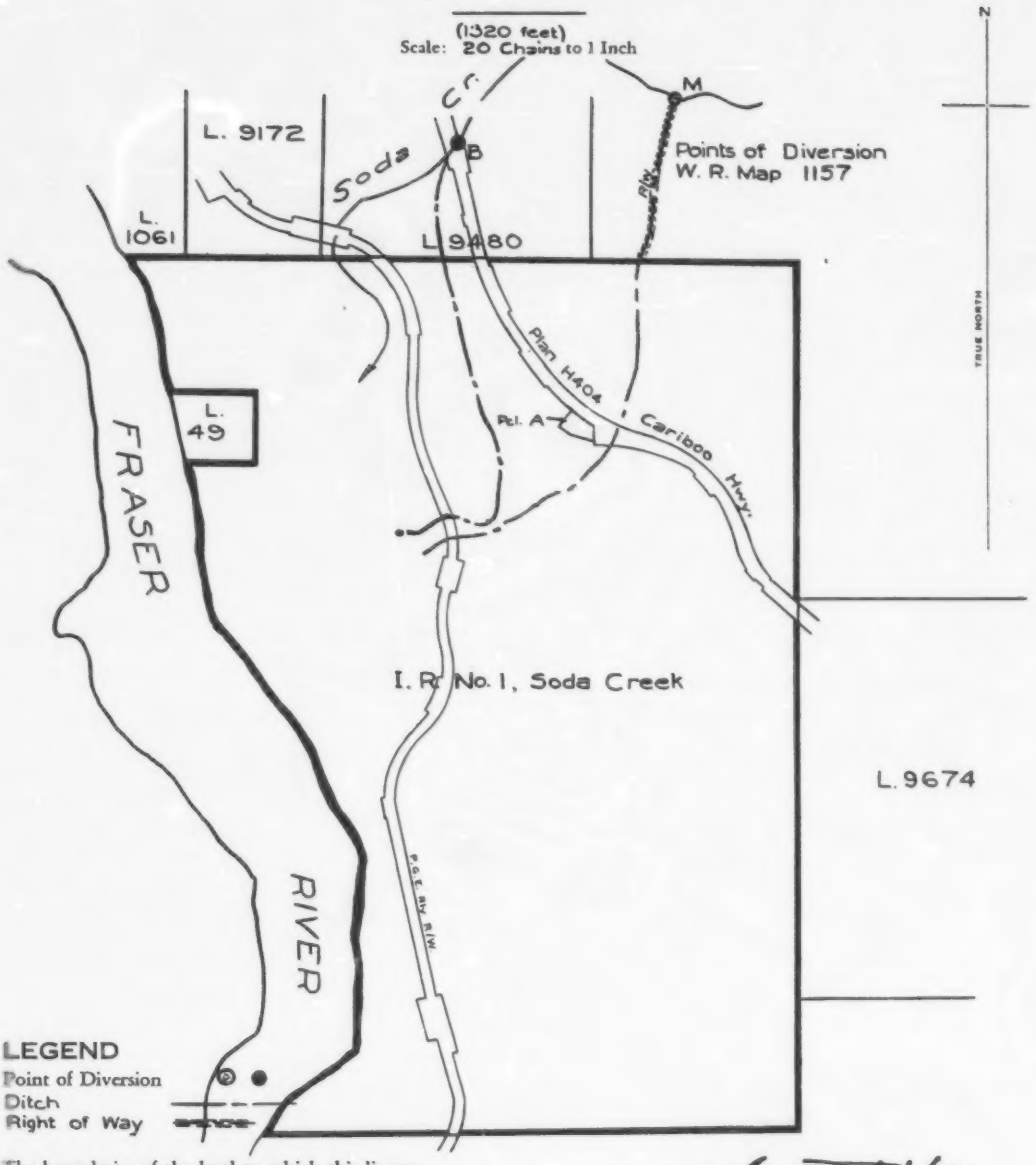
Dated at Victoria, B.C., this 12th day of August, 1963.

Gordon J.A. Kidd,
Deputy Comptroller of Water Rights

British Columbia

CARIBOO WATER DISTRICT

CARIBOO DISTRICT



LEGEND

Point of Diversion

Ditch

Right of Way

The boundaries of the land to which this licence is appurtenant are shown thus: ———

Signature [signature]

Date 12 Aug 1963

Amended

F.L. 9599

File 0241139

R/W Permit No. 5256

EXHIBIT "A"

For R/W see Ref. Map 93 P/sc. (D-5,6)

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

The Superintendent-General of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is Soda creek,

a tributary of Fraser river.

(b.) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(c.) The date from which this licence shall have precedence is 21st July, 1890.

(d.) The purpose for which the water is to be used is irrigation and domestic.

(e.) The maximum quantity of water which may be diverted from the stream is 210.6 acre-feet per annum, of which quantity 1000 gallons a day may be used for domestic purpose.

(f.) The period of the year during which the water may be used is for irrigation 1st April to 30th September, and for domestic use the whole year.

(g.) The land upon which the water may be used is 70.2 acres of Soda Creek Indian Reserve (No.1, Soda Creek), Cariboo Land District,

as shown in the said Exhibit "A."

(h.) The works for the diversion and the carriage of the water consist of a dam, pipeline and ditches.

(i.) This licence is issued in substitution of Conditional Water Licence No. 7810.

Issued this 10th day of February, 1936.

Macdonald

Comptroller of Water Rights.

File No. 6-19-1.

Licence No. 9599

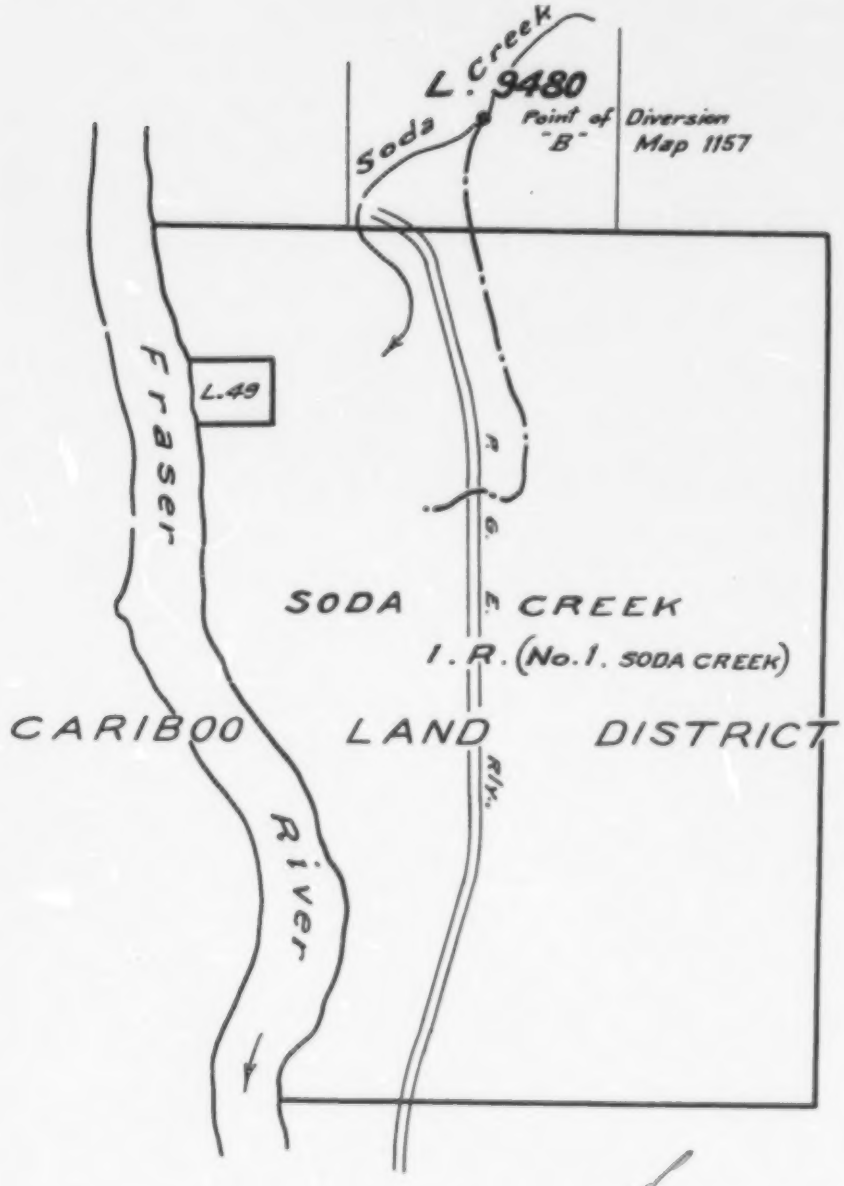
W.R.B. 2—1M-434-7094

British Columbia.

To accompany Final Licence No. 9599

CARIBOO WATER DISTRICT.

Scale, 20 Chains to 1 Inch.



Signature J. Macdonald

Date 10th Feb. 1936

The boundaries of the land to which this licence is appurtenant are shown shaded. k

70.2 acres within the said boundaries are irrigated.

F. L. 9599 for C. L. 7810

EXHIBIT "A"

File 6. 19. 1.

Province of
British Columbia

Ministry of
Environment

Water Management Branch
Parliament Buildings
Victoria
British Columbia
V8V 1X5

ORDER

WATER ACT

Section 15

File No. 0241140

In the matter of Final Water Licence 10457, which authorizes the diversion of water from Hawks Creek for irrigation and domestic purposes.

Having determined that the source of the water supply is erroneously stated, I hereby amend clause (a) of said licence to read as follows:

(a) The streams on which the rights are granted are Hawks and South Hawks Creeks.

Dated at Victoria, B.C., this 29th day of January, 1990.

D. E. Farrell,
Deputy Comptroller of Water Rights.

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES
WATER RESOURCES SERVICE
WATER RIGHTS BRANCH
VICTORIA, B.C.

ORDER

WATER ACT

Section 15

FILE NO. 0241140

In the matter of Final Water Licence 10457, which authorizes the diversion of 560 acre feet per annum of water from Hawks Creek for irrigation purpose, of which quantity 2,000 gallons a day may be used for domestic purpose.

Having received an application for Change of Works and being satisfied that no person's rights will be injuriously affected I hereby amend Clauses (b) and (h) of the said licence to read as follows:

(b) The points of diversion are located as shown on the attached amended plan.

(h) The works authorized hereunder are diversion structures, and ditch.

Dated at VICTORIA, B. C., this 5th day of March, 1970.

A. K. Sutherland,
Deputy Comptroller of Water Rights.

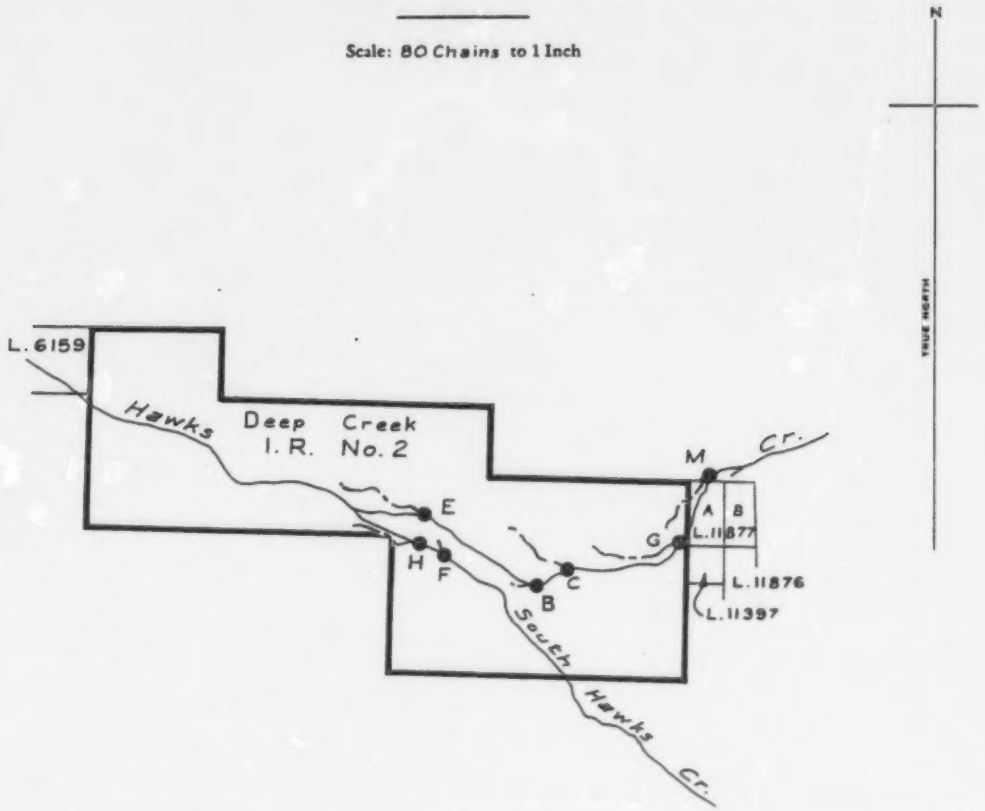
1.

British Columbia

CARIBOO WATER DISTRICT

CARIBOO DISTRICT

Scale: 80 Chains to 1 Inch



LEGEND

Point of Diversion ●
W.R. Map 1159
Ditch ——— - ———
Right of Way

The boundaries of the land to which this licence is appurtenant are shown thus: ———

Signature A K Sutherland

Date 5th Mar 1970

Amended F.L. 10457

File 0241140

R/W Permit 7411

For Right of Way see Ref. Map 93 B/SE(D-6)

ORDER

WATER ACT

Section 15

FILE NO. 0241140

In the matter of Final Water Licence No.10457, Hawks Creek, which authorizes the diversion of water for irrigation and domestic purpose on the Deep Creek Indian Reserve No.2.

Being satisfied that no person's rights will be injuriously affected, I hereby authorize the construction of a new intake and ditch to be located approximately as shown on the attached amended plan, in addition to the works previously authorized.

The construction of the said works shall be completed and water beneficially used on or before the 31st day of December 1965.

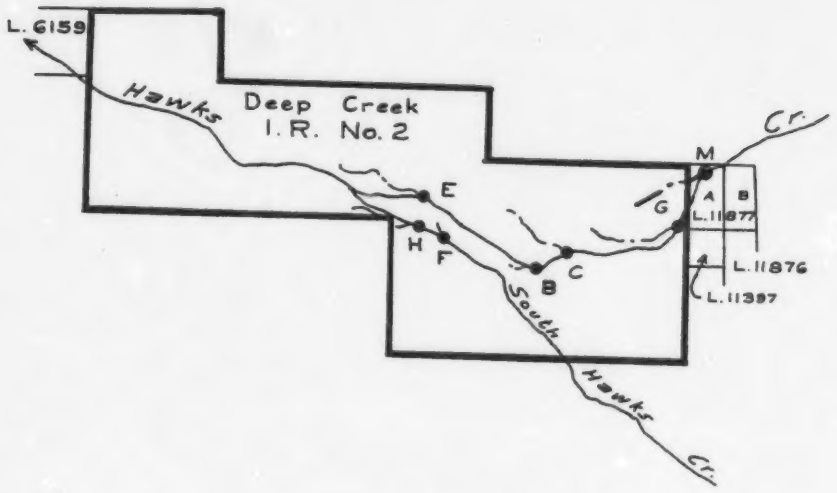
Dated at VICTORIA, B.C., this 23rd day of April, 1964.

Gordon J.A. Kidd,
Deputy Comptroller of Water Rights.

British Columbia

CARIBOO WATER DISTRICT
CARIBOO DISTRICT

Scale: 1 Mile = 80 Chains to 1 Inch



LEGEND

Point of Diversion ● ●

W.R. Map 1159

Ditch ——·——

The boundaries of the land to which this licence is appurtenant are shown thus: ———

EXHIBIT "A"

Signature [signature]

Date 23 April 1964

Amended F.L. 10457

File 0241140

W.R.B. 2 4-5935

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

The ~~Superintendent-General~~ Director of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is Hawks (Deep) creek,

a tributary of Fraser river.

(b.) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(c.) The date from which this licence shall have precedence is 22nd December, 1900.

(d.) The purpose for which the water is to be used is irrigation and domestic.

(e.) The maximum quantity of water which may be diverted from the stream is 560 acre-feet per annum, of which quantity 2,000 gallons a day may be used for domestic purpose.

(f.) The period of the year during which the water may be used ~~is~~ for irrigation is 1st April to 30th September, and for domestic use the whole year.

(g.) The land upon which the water may be used is 224 acres of Deep Creek Indian Reserve No. 2,

as shown in the said Exhibit "A."

(h.) The works for the diversion and the carriage of the water consist of ditches.

(i.) This licence is issued in substitution of Conditional Water Licence No. 7811.

ENTERED ON
Map No. 1150
By D.W. M.L.

Date issued 16th January, 1939.

Comptroller of Water Rights.

File No. 7-19-1.

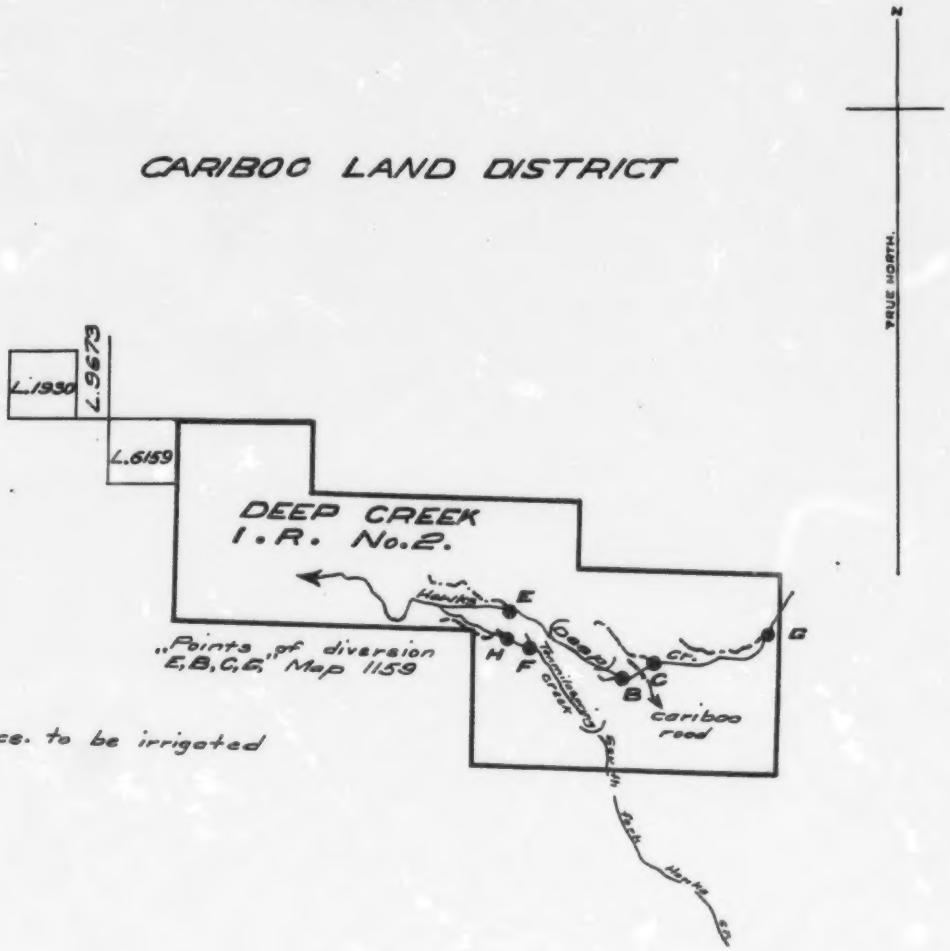
Licence No. 10457

British Columbia.

Final Licence No. 10457 for
To accompany Conditional Licence No. 7811

CARIBOO WATER DISTRICT.

Scale, 80 Chains to 1 Inch.



Signature J. Macdonald

Date 16th Jan 1939

F.L. 10457 for C.L. 7811

File 7-19-1

EXHIBIT "A"

for storage see F.L. 10458

W.R.B. 2—1M-5364-1938

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

The ~~Superintendent General~~ Director of Indian Affairs of Ottawa, Canada, is hereby authorized to ~~divert~~ store *and use water as follows:—*

(*a.*) The source of the water-supply is **Roselake creek, a tributary of Hawks (Deep) creek, and the reservoir is in Rose lake.**

~~a tributary of~~

(*b.*) The point of ~~diversion~~ storage from the stream is located as shown in the Exhibit marked " A " hereto attached.

(*c.*) The date from which this licence shall have precedence is **30th June, 1926.**

(*d.*) The purpose for which the water is to be used is **as set out in Final Water Licence No.** 10457

(*e.*) The maximum quantity of water which may be ~~diverted~~ stored from the stream is **2340 acre-feet per annum.**

(*f.*) The period of the year during which the water may be ~~used~~ stored is **1st October to 15th June.**

(*g.*) The land upon which the water may be used is **as set out in Final Water Licence No.** 10457

as shown in the said Exhibit " A."

(*h.*) The works for the ~~diversion and the carriage~~ storage of the water consist of **earth fill dam 600' long.**

(*i.*) This licence is issued in substitution of Conditional Water Licence No. **9086.**

Date issued **16th January, 1939.**

Comptroller of Water Rights.

File No. 069593.

Licence No. 10458.

X 2

British Columbia.

To accompany { Final Licence No. 10458 for Conditional Licence No. 2088 }

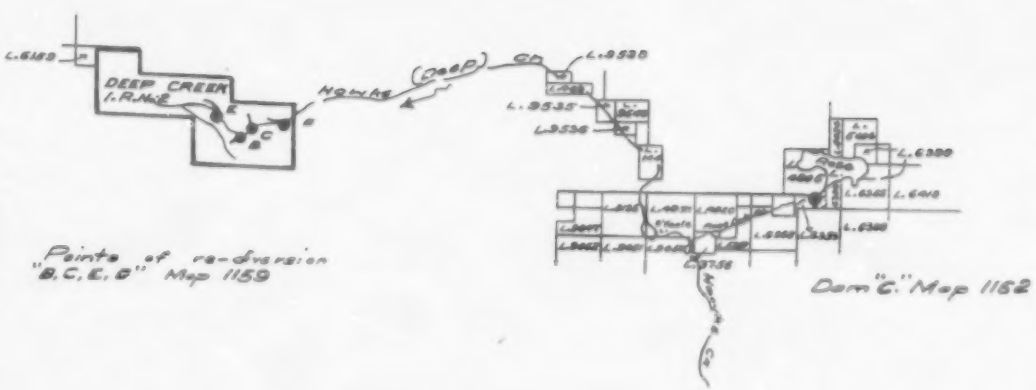
CARIBOO WATER DISTRICT.

Scale, 3 Miles to 1 Inch.

N

TRUE NORTH.

CARIBOO LAND DISTRICT



Points of re-diversion "B.C.E.C." Map 1159

Signature [signature]

Date 16th Jan. 1939

F.L. 10458 for C.L. 2088

File 059593

for diversion see F.L. 10457

EXHIBIT "A"

W.R.B. 16-0220

PROVINCE OF BRITISH COLUMBIA.

WATER RIGHTS BRANCH.

DEPARTMENT OF LANDS.

FINAL WATER LICENCE.

The ~~Superintendent General~~ Director of Indian Affairs of Ottawa, Canada, is hereby authorized to divert and use water as follows:—

(a.) The source of the water-supply is South Fork Hawks creek (Ten Mile Spring creek) a tributary of Hawks (Deep) creek.

(b.) The point of diversion from the stream is located as shown in the Exhibit marked "A" hereto attached.

(c.) The date from which this licence shall have precedence is 28th August, 1928.

(d.) The purpose for which the water is to be used is irrigation.

(e.) The maximum quantity of water which may be diverted from the stream is 122.5 acre-feet per annum.

(f.) The period of the year during which the water may be used is 1st April to 30th September.

(g.) The land upon which the water may be used is 49 acres of Deep Creek Indian Reserve No. 2, as shown in the said Exhibit "A."

(h.) The works for the diversion and the carriage of the water consist of ditches.

(i.) This licence is issued in substitution of Conditional Water Licence No. 9800.

Date issued 16th January, 1939.

Comptroller of Water Rights.

Map No. 1159
By D.W. Pitt

File No. 083372.

Licence No. 10459

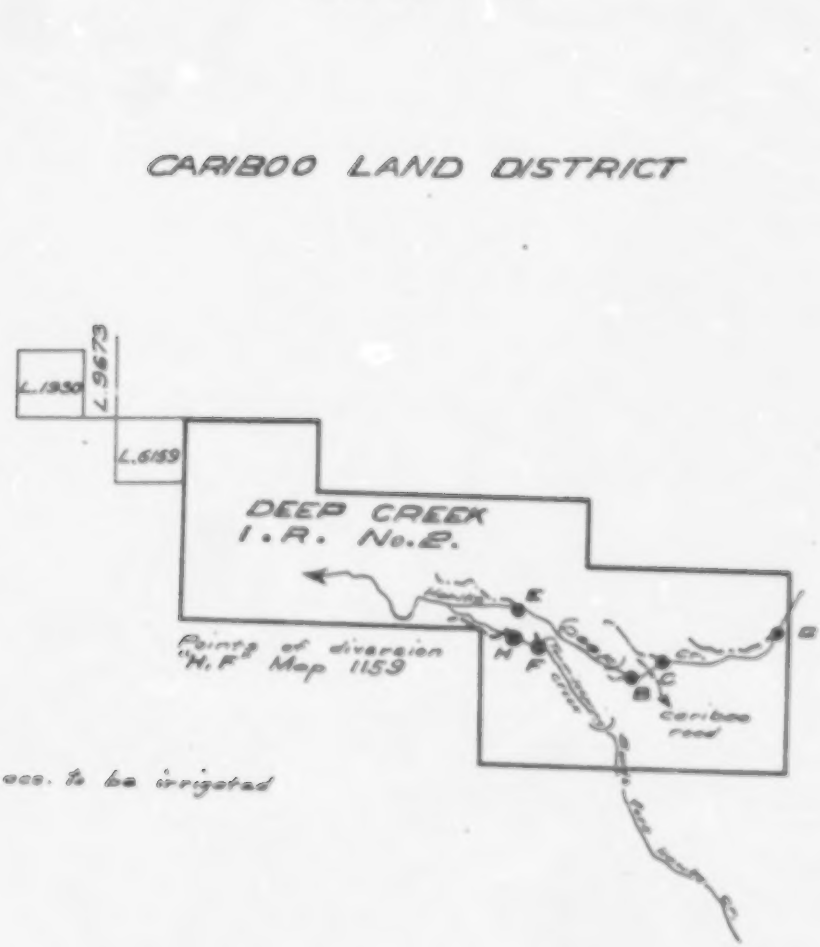
British Columbia.

To accompany Final Licence No. 10459 for Conditional Licence No. 9600

CARIBOO WATER DISTRICT.

Scale, 80 Chains to 1 Inch.

CARIBOO LAND DISTRICT



Signature [signature]

Date 18th Jan 1939

F.L. (10459) for C.L. 9600

File 063376

EXHIBIT "A"

WATER RESOURCES SERVICE
WATER RIGHTS BRANCH

DEPARTMENT OF LANDS, FORESTS,
AND WATER RESOURCES

THE PROVINCE OF BRITISH COLUMBIA—WATER ACT

FINAL WATER LICENCE

Wells General Store of Box 40, Soda Creek, B.C.

is/are hereby authorized to divert and use water as follows:—

(*a*) The source(s) of the water-supply is/are Soda Creek.

(*b*) The point(s) of diversion is/are located as shown on the attached plan.

(*c*) The date from which this licence shall have precedence is 27th April, 1955.

(*d*) The purpose for which the water is to be used is domestic.

(*e*) The maximum quantity of water which may be diverted is 1000 gallons a day,

as the Engineer may from time to time determine should be allowed for losses. and such additional quantity

(*f*) The period of the year during which the water may be used is the whole year.

(*g*) The land upon which the water is to be used and to which this licence is appurtenant is:
Parcel A of Soda Creek Indian Reserve No.1 and containing 1.51 acres.

(*h*) The works authorized hereunder are collecting box, dam and pipe,

located as shown on the attached plan.

(*i*) This licence is issued in substitution of Conditional Water Licence No. 22713.

(*j*) This licence authorizes the use of water in the building situated on the land described in clause (*g*) at the date hereof or any building replacing same but not in any other building.

ENTERED ON
Map No. 1157 GHP
By

J. F. Paget,
Comptroller of Water Rights.

FILE No. 0207669 Date issued: 3 June, 1963

FINAL LICENCE No. 18103

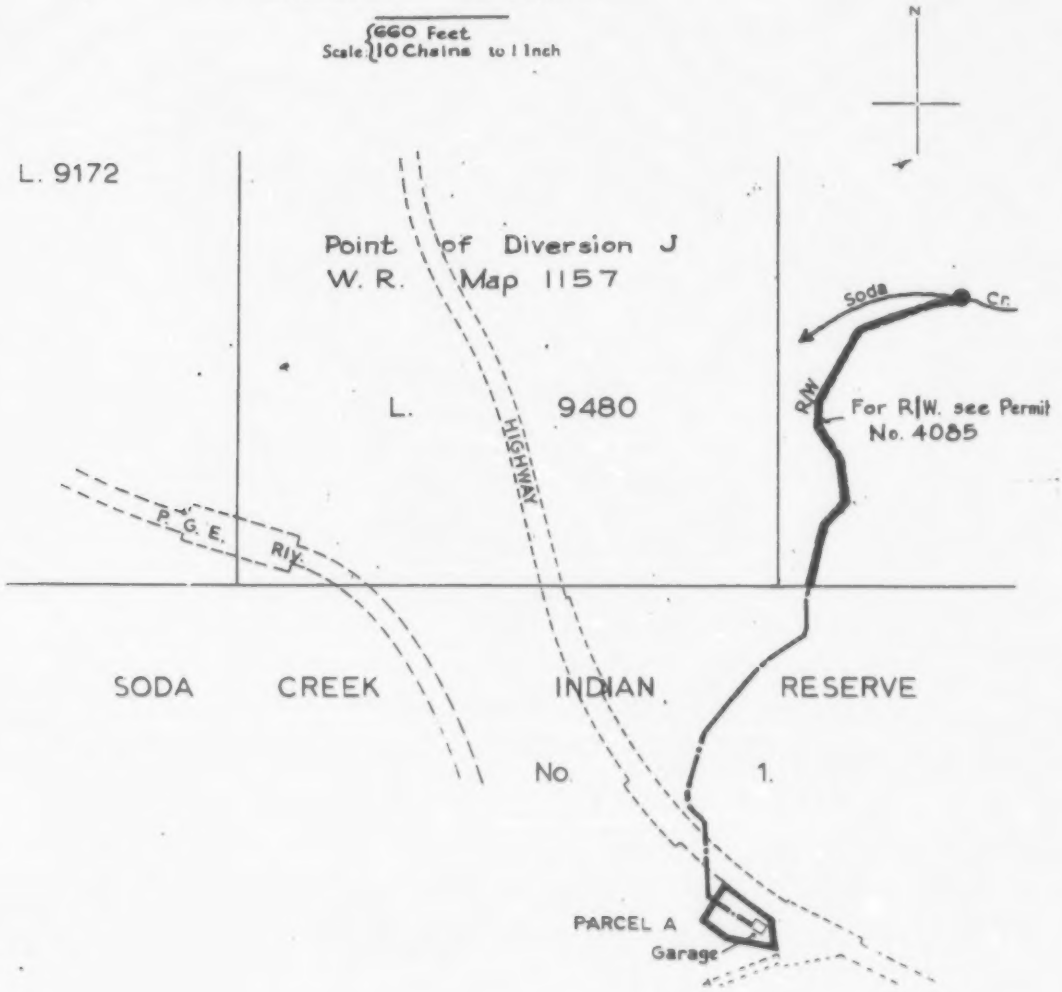
British Columbia

5

CARIBOO WATER DISTRICT

CARIBOO DISTRICT

Scale { 660 Feet / 10 Chains } to 1 Inch



LEGEND

Point of Diversion ●

Pipeline ——·——

The boundaries of the land to which this licence is appurtenant are shown thus: ▬▬▬

EXHIBIT "A"

Signature [signature]

Date 1 June, 1963

F.L. 18103 for CL 22713

File 0207669

PROVINCE OF
BRITISH COLUMBIA

DEPARTMENT OF LANDS, FORESTS,
AND WATER RESOURCES

PERMIT UNDER THE WATER ACT AUTHORIZING THE OCCUPATION OF CROWN LAND

Superintendant General of Indian Affairs, Ottawa, Ontario,
(Williams Lake Agency)

the holder(s) of ~~Conditional~~/Final Water Licence(s) 10457 authorizing the diversion of water from Hawks Creek is/are hereby

authorized to occupy Crown land by constructing, maintaining, and operating thereon the works authorized under the said water licence and any licences which may be issued in substitution thereof.

(*a*) The Crown land which is authorized to be occupied under this permit is a portion of unsurveyed land,

Cariboo District,

amended
the location of which is shown approximately on the plan attached to the said water licence.

(*b*) The approximate dimensions of the Crown land authorized to be occupied under this permit are

340 feet in length and 15 feet in width, having an area of 0.12 acre.

(*c*) Subject to the payment of royalty, stumpage, and other compensation as provided under Condition 5, the permittee is authorized to cut and remove from the said land any timber the removal of which is necessary to permit construction and maintenance of the said works.

(*d*) The annual rental for this permit is $ 2.00 , which is subject to review and revision at any time at the discretion of the Crown.

(*e*) This permit is appurtenant to the land to which the aforesaid water licence is appurtenant.

(*f*) The conditions relative to the rights granted under this permit are printed on the back of this form.

Deputy Minister of Lands.

File No. 0241140

Ref. Map 93 B/SE (D-6)

W.R. Map 1139 Date issued: 5th March, 1970 Permit No. 7411.

W.R.B. 12a—431-460-2939

DEPARTMENT OF LANDS, FORESTS, AND WATER RESOURCES

Permit under the "Water Act" Authorizing the Occupation of Crown Land

Director of Indian Affairs, of Ottawa, Ontario,

the holder of a water licence authorizing the diversion of water from Soda Creek,

is hereby authorized to occupy by constructing, maintaining and operating thereon the works authorized under the said water licence, and any licence which may be issued in substitution thereof,

the following Crown land, namely:— a portion of unsurveyed vacant Crown land, Cariboo District, being 1650 feet ± in length and 15 feet in width, the location of which is shown approximately on the attached plan,

having an area of 0.57 ± acres.

And, subject to the payment of royalty, stumpage, and other compensation as provided under Condition 5, is authorized to cut and remove from the said land any timber, the removal of which is necessary to permit the construction of the said works.

There is payable in respect of this permit an annual rental of $2.00, which is subject to alteration at any time. Failure to pay the annual rental will render this permit subject to cancellation.

This permit is appurtenant to the land to which the aforesaid water licence is appurtenant.

The conditions relative to the rights granted under this permit are printed on the back of this form.

Issued the 12th day of August, 1963

Deputy Minister of Lands.

File 0241139

W.R. Map 1197

Ref. Map 93 B/SE (D-5,6)

W.R.B. 11-0

~~Conditional~~ Final Licence No. 9599

PERMIT OVER CROWN LAND No. 5256

DEPARTMENT OF LANDS AND FORESTS

Permit under the "Water Act" Authorizing the Occupation of Crown Land

Ronald Earl Roberts, of Soda Creek, B.C.

the holder of a water licence authorizing the diversion of water from Soda Creek

is hereby authorized to occupy by constructing, maintaining and operating thereon the works authorized under the said water licence, and any licence which may be issued in substitution thereof

the following Crown land, namely:—

a portion of land lying North of Indian Reserve No. 1 and East of District Lot 9480, Cariboo Land District, being 1850 feet in length, 15 feet in width, the location of which is shown approximately on the plan attached to the said water licence and marked "R/W"

having an area of .63 acres.

And, subject to the payment of royalty, stumpage, and other compensation as provided under Condition 5,

is authorized to cut and remove from the said land any timber, the removal of which is necessary to permit the construction of the said works.

There is payable in respect of this permit an annual rental of $1.00, which is subject to alteration at any time. Failure to pay the annual rental will render this permit subject to cancellation.

This permit is appurtenant to the land to which the aforesaid water licence is appurtenant.

The conditions relative to the rights granted under this permit are printed on the back of this form.

Issued the 3rd day of October, 19 55.

Deputy Minister of Lands.

File 0207669

W.R. Map 1157

Ref. Map 27 (D-6)

W.R.B. 12—1M-1152-8513

Conditional Final Licence No. 22713

PERMIT OVER CROWN LAND No. 4085

Stream Register Report Water Licence Information System

Report Requested By : JSTEINHAUER
Date Report Requested : 1995/10/20 08:23
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : H018691 - O'Keefe Lake on Hawks Creek
END POINT : S018618 - Hawks Creek left of Fraser River

Priority YYYY/MM/DD	Licence File Number	Appurtenancy Number	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source		MR Map	POD BRD POD Comments					Prec	
1988/07/26	C029133	0242493 295 AC OF L 3 GP 4 EXC PLAN R1632 & PGBR R/W (PLAN A126) & L 4 GP 4 & L 6153 EXC PGBR R/W (PLAN A126) CARIBOO DIST	SPRINGFIELD CATTLE CO INC PO BOX 69123 VANCOUVER BC V7X1J2	IRR	615.00 AF	Apr 01	Sep 30		
Hawks Creek		MR1157	A N					05D CAR - QUESNEL RIVER	
1900/12/22	F010457	0241140 234 AC OF IR 2 DESP CR CARIBOO DIST	SODA CREEK INDIAN BAND 989-716-8276 RR 4 COMP 2 SITE 15 WILLIAMS LAKE BC V2G4N9	DOM IRR	2,000.00 CD 560.00 AF	Jan 01 Apr 01	Dec 31 Sep 30	STOR AT F 10450 ROSELAKE CR	
Hawks Creek		MR1159	N N					05D CAR - QUESNEL RIVER	
South Hawks Creek		MR1159	F N						
South Hawks Creek		MR1159	H N						
Hawks Creek		MR1159	G N						
Hawks Creek		MR1159	C N						
Hawks Creek		MR1159	B N						
Hawks Creek		MR1159	E N						
1939/03/22	C014072	0136305 130 AC OF IR 2 DESP CR CARIBOO DIST	SODA CREEK INDIAN BAND 989-716-8276 RR 4 COMP 2 SITE 15 WILLIAMS LAKE BC V2G4N9	IRR	325.00 AF	Apr 01	Sep 30		
Hawks Creek		MR1159	E N					05D CAR - QUESNEL RIVER	
1961/12/08	C065556	0329949 88.4 AC OF L 9535, 11672 & 488 CARIBOO DIST EXC PLAN 21167	NEIL RICHARD Y & CAROLE A EDZUKI ROAD RR 3 WILLIAMS LAKE BC V2G1K3	IRR	88.40 AF	Apr 01	Jun 30		
Hawks Creek		MR1162	P N					05D CAR - QUESNEL RIVER	
Hawks Creek		MR1162	V N						
Hawks Creek		MR1162	EE N						

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source		MR Map		POD RED POD Comments					Prec	
1961/12/08	C068969	0329951	2.6 A OF L 1 OF L 468 9538 & 11502 CARIBOO DIST PL 31480	MARKLINGER MARVIN & LORRAINE PO BOX 4745 WILLIAMS LAKE B C V1G2V7	IRR	5.20 AF	Apr 01	Sep 30	STOR AT C 68970 JUG CR	
Hawks Creek		MR1162		M M					05D CAR - QUESNEL RIVER	
1961/12/08	C068971	5000280	7.8 A OF L 2 OF L 468 9538 & 11502 CARIBOO DIST PL 31480	DICKEY ARTHUR & LINDA PO BOX 560 150 MILE HOUSE B C V0K2G0	IRR	15.60 AF	Apr 01	Sep 30	STOR AT C 68972 JUG CR	
Hawks Creek		MR1162		SS N					05D CAR - QUESNEL RIVER	
1971/05/25	C038555	0305350	L 4123 CARIBOO DIST	COLLINS JERALD J & KIMBERLY A SITE 12 RR 4 HWY 97 NORTHGABLES BOX 48 WILLIAMS LAKE BC V2G4M8	DOM	500.00 GD	Jan 01	Dec 31		
Hawks Creek		MR1159		V N					05D CAR - QUESNEL RIVER	
1974/03/27	C066727	0322804	40 AC OF FRAC NE 1/4 OF L 8135, FRAC W 1/2 OF L 4921 & NW 1/4 OF L 9050 EXC PL 21462 CARIBOO DIST	REDL THOMAS E & BARRIE M & EDWARD M BOX 71 150 MILE HOUSE BC V0K2G0	SW IRR	1,000.00 GD 60.00 AF	Jan 01 Apr 01	Dec 31 Jun 30	STOR AT C 66728 HAWKS CR STOCK WATERING	
Hawks Creek		MR1161		SS N					05D CAR - QUESNEL RIVER	
Hawks Creek		MR1161		Z N						
O'Keefe Lake		MR1161		VV N						
Hawks Creek		MR1161		X N						
Hawks Creek		MR1161		UU N						

Stream Register Report

Water Licence Information System

DATE: 1995/10/20
TIME: 08:23
PAGE: 001

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source		MR Map	POD	RED POD Comments					Proc	
1987/05/11	C066728	5000631	STOR FOR C 66727 & C 66729 HAWKS CR	REDL THOMAS E & BARRIE M & EDWARD M BOX 71 150 MILE HOUSE BC V0K2G0	STOMP	452.70 AF	Oct 01	Jan 15	STOR IN O'KEEFE LK	APL UNDER APPEAL
Hawks Creek		MR1161	Z N						05D CAR - QUESNEL RIVER	
1987/05/11	C066729	5000621	W 1/2 OF L 4921; BLKS A & B OF L 5287; NW 1/4 & FRAC NE 1/4 OF L 8135; NW 1/4 OF L 9050, REC PLAN 21462; L 9725 ALL OF CARIBOO DIST	REDL THOMAS E & BARRIE M & EDWARD M BOX 71 150 MILE HOUSE BC V0K2G0	SW IRR	2,000.00 GD 390.00 AF	Jan 01 Apr 01	Dec 31 Sep 30	STOCK WATERING STOR AT C 66728 HAWKS CR	APL UNDER APPEAL
Hawks Creek		MR1161	SS N						05D CAR - QUESNEL RIVER	
Future Lake		MR1161	RR Y	REDIVERSION FROM NW 1161 HAWKS CR						
Hawks Creek		MR1161	NN N							
Hawks Creek		MR1161	Z N	REDIVERSION AT LL 1162 BACK 80 LK, QQ 1162 REDL POND, RR 1161 FUTURE LK						
O'Keefe Lake		MR1161	TT N							
Hawks Creek		MR1161	UU N							
Redl Pond		MR1161	QQ Y	REDIVERSION FROM NW 1161 HAWKS CR						
Back 80 Lake		MR1162	LL Y	REDIVERSION FROM NW 1162 HAWKS CR						
1988/01/25	Z101746	5000727	L 3 4 5 & 6 OF GRP 4 CARIBOO DIST	SPRINGFIELD CATTLE CO BOX 4022 WILLIAMS LAKE BC V2G2V2	IRR STOMP	300.00 AF 300.00 AF	Apr 01 Jan 01	Sep 30 Dec 31		APP APPLIC-CLEARED
Hawks Creek		MR1157	A N						05D CAR - QUESNEL RIVER	
1991/02/11	C101709	5001138	DL 9531 CARIBOO DIST	WALSER LORENZ F RR 4 STATION MAIN NORTH GABLES TRAILER PARK COMP 40 WILLIAMS LAKE BC V2G4M9	DOM LAWN	560.00 GD 1.40 AF	Jan 01 Apr 01	Dec 31 Sep 30		
Hawks Creek		MR1157	X N						05D CAR - QUESNEL RIVER	

---------- Total of 12 Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : DJOLLY
Date Report Requested : 1996/08/19 11:29
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : PD39162 - 1161 YY
END POINT : S018691 - O'Keefe Lake on Hawks Creek

Stream Register Report Water Licence Information System

Report Requested By : JSTEINHAUER
Date Report Requested : 1995/11/09 09:20
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : SO18708 - Roselake Creek left of Rose Lake
END POINT : SO18706 - Rose Lake on Roselake Creek

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
1974/03/27	C066727	0322804	40 AC OF FRAC NE 1/4 OF L 8135, FRAC W 1/2 OF L 4921 & NW 1/4 OF L 9050 EXC PL 21462 CARIBOO DIST	REDL THOMAS E & BARRIE M & EDWARD M BOX 71 150 MILE HOUSE BC V0K2G0	SW IRR	1,000.00 GD 60.00 AF	Jan 01 Apr 01	Dec 31 Jun 30	STOR AT C 66728 HAWKS CR STOCK WATERING	

Source	WR Map	POD	RED POD	Comments	Proc
O'Keefe Lake	WR1161	VV	N		05D CAR - QUESNEL RIVER
Hawks Creek	WR1161	SS	N		
Hawks Creek	WR1161	I	N		
Hawks Creek	WR1161	X	N		
Hawks Creek	WR1161	UU	N		

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
1987/05/11	C066729	5000621	W 1/2 OF L 4921; BLKS A & B OF L 5287; NW 1/4 & FRAC NE 1/4 OF L 8135; NW 1/4 OF L 9050, EXC PLAN 21462; L 9725 ALL OF CARIBOO DIST	REDL THOMAS E & BARRIE M & EDWARD M BOX 71 150 MILE HOUSE BC V0K2G0	SW IRR	3,000.00 GD 390.00 AF	Jan 01 Apr 01	Dec 31 Sep 30	STOCK WATERING STOR AT C 66728 HAWKS CR	APL UNDER APPEAL

Source	WR Map	POD	RED	POD Comments	Proc
O'Keefe Lake	WR1161	TT	N		05D CAR - QUESNEL RIVER
Future Lake	WR1161	RR	Y	REDIVERSION FROM NN 1161 HAWKS CR	
Hawks Creek	WR1161	NN	N		
Hawks Creek	WR1161	SS	N		
Hawks Creek	WR1161	I	N	REDIVERSION AT LL 1162 BACK 80 LK, QQ 1162 REDL POND, RR 1161 FUTURE LK	
Hawks Creek	WR1161	UU	N		
Redl Pond	WR1162	QQ	Y	REDIVERSION FROM NN 1161 HAWKS CR	
Back 80 Lake	WR1162	LL	Y	REDIVERSION FROM NN 1162 HAWKS CR	

---------- Total of 2 Licences Reported ----------

Stream Register Report

Water Licence Information System

DATE: 1995/11/03
TIME: 09:28
PAGE: 001

Priority YYYY/MM/DD	Licence File Number	Appurtenancy Number	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source		NR Map	POD RED POD Comments					Proc	
1926/06/30	P010458	0069593 STOR FOR P 10457 HANKS CR	SODA CREEK INDIAN BAND 989-716-8276 RR 4 COMP 2 SITE 15 WILLIAMS LAKE BC V2G4N9	STORP	2,340.00 AF	Oct 01	Jun 15	STOR IN ROSE LK	
Rose Lake		WR1162	C N					05D CAR - QUESNEL RIVER	
1959/06/08	C026002	0225920 40 AC OF L 6353 CARIBOO DIST	KALLMAN STURE M & NORENN R BOX 671 150 MILE HOUSE BC V0K2G0	IRR	100.00 AF	Apr 01	Sep 30		
Rose Lake		WR1162	C N					05D CAR - QUESNEL RIVER	
1984/06/01	C063268	5000326 L 6 OF L 4906 CARIBOO DIST PLAN 24743	BEACON WILLIAM R & NANCY L BOX 668 150 MILE HOUSE BC V0K2G0	DOM	500.00 GD	Jan 01	Dec 31		
Rose Lake		WR1162	MM N					05D CAR - QUESNEL RIVER	
1987/01/23	C109316	5000596 SL 2 DL 6404 CARIBOO DIST STRATA PLAN PGS104 TOGETHER WITH AN INTEREST IN THE COMMON PROPERTY IN PROPORTION TO THE UNIT ENTITLEMENT OF THE SL AS SHO WN ON FORM 1	BELL LARRY R & JANINE E PO BOX 1067 150 MILE HOUSE BC V0K2G0	DOM	500.00 GD	Jan 01	Dec 31		
Rose Lake		WR1162	PP N					05D CAR - QUESNEL RIVER	
1989/07/27	C069034	5000238 L 1 OF D L 4906 & 4911 CARIBOO DIST PL 15961	RICHARDSON DAVID & CHRISTY BOX 444 150 MILE HOUSE BC V0K2G0	DOM	500.00 GD	Jan 01	Dec 31		
Rose Lake		WR1162	XX N					05D CAR - QUESNEL RIVER	
Rose Lake		WR1162	WW N						

Priority YYYY/MM/DD	Licence File Number	Appurtenancy Number	Licensee	POD	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source		NR Map	POD	RED POD Comments				Prov	
1991/11/26	C103890 5001211	L 6 7109 DL 4906 CARIBOO DISTRICT PLAN 1	MUSTO GEORGE A CAROLINE PO BOX 307 150 MILE HOUSE BC V0K2H0	DOM	500.00 GD	Jan 01	Dec 31		
Rose Lake		NR1162	YY N					05D CAR - QUESNEL RIVER	
1992/02/06	C104310 5001213	LOT 1 DL4906 PLAN 23247 CARIBOO DISTR ICT	TRAYNOR ROBIN PO BOX 435 150 MILE HOUSE BC V0K2G0	DOM	500.00 GD	Jan 01	Dec 31		
Rose Lake		NR1162	XX N					05D CAR - QUESNEL RIVER	
1992/03/26	C104492 5001221	L 2 DL4906 PLAN 23247 CARIBOO DISTR ICT	BROWN MILDRED A PO BOX 475 150 MILE HOUSE BC V0K2G0	DOM	500.00 GD	Jan 01	Dec 31		
Rose Lake		NR1162	A3 N					05D CAR - QUESNEL RIVER	
1992/05/04	C104711 5001228	LOT 5 DL 4906 PLAN 24743 CARIBOO DIST RICT	GIBSON RICHARD & MAUREEN BOX 6041 WILLIAMS LAKE BC V2G3W2	DOM	500.00 GD	Jan 01	Dec 31		
Rose Lake		NR1162	B3 N					05D CAR - QUESNEL RIVER	
1992/05/13	C104814 5001233	L 10 7109 DL 4906 CARIBOO DISTRICT PLAN 1	HOLDAL ALAN T. HOLDAL PATRICIA L. BOX 379 150 MILE HOUSE BC V0K2G0	DOM	500.00 GD	Jan 01	Dec 31		
Rose Lake		NR1162	C3 N					05D CAR - QUESNEL RIVER	

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source		WR Map	POD	RED POD Comments					Proc	
1992/05/28	C104827	5001261	L 1 DL 4906 CARIBOO DISTRICT PLAN 335 30	NOORTBLE D PO BOX 352 150 MILE HOUSE BC V0K2G0	DOM	500.00 GD	Jan 01	Dec 31		
Rose Lake		WR1162	D3	N					05D CAR - QUESNEL RIVER	
1992/05/28	C104828	5001262	L 24 DL 4906 CARIBOO DISTRICT PLAN 17 109	NOORTBLE D PO BOX 352 150 MILE HOUSE BC V0K2G0	DOM	500.00 GD	Jan 01	Dec 31		
Rose Lake		WR1162	E3	N					05D CAR - QUESNEL RIVER	
1994/07/13	C108394	5001620	L 16 DL 4906 CARIBOO DIST PLAN 17109	ROUTTU TINO A & MONICA M BOX 48 KINGLET RD RR 3 WILLIAMS LAKE BC V2G1W3	DOM	500.00 GD	Jan 01	Dec 31		
Rose Lake		WR1162	F3	N					05D CAR - QUESNEL RIVER	

---------- Total of 13 Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : JSTEINHAUER
Date Report Requested : 1995/10/23 09:44
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : H018704 - Rose Lake on Roselake Creek
END POINT : H018693 - Roselake Creek right of Hawke Creek

---------- No Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : DAVLAY
Date Report Requested : 1996/11/13 13:03
Report Sorted By : Source Omitted - Priority Date - Licence Number
Selection Criteria
START POINT : H018953 - Crean Lake on Soda Creek
END POINT : H018633 - Soda Creek left of Fraser River

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	POD	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
	Source		NR Map	POD RED POD Comments					Proc	
1898/07/31	P009599	0361139	76.3 AC OF IR 1 SODA CR CARIBOO DIST	SODA CREEK INDIAN BAND 989-716-8275 RR 4 COMP 2 SITE 15 WILLIAMS LAKE BC V2G4N8	DOM IRR	1,000.00 GD 210.00 AF	Jan 01 Apr 01	Dec 31 Sep 30		AMD UNDER AMENDMENT
	Soda Creek Soda Creek		NR1157 NR1157	N N N N					05D CAR - QUESNEL RIVER	
1955/06/27	P018103	0307669	PARCEL A OF IR 1 SODA CR CARIBOO DIST	SODA CREEK INDIAN BAND 989-716-8275 RR 4 COMP 2 SITE 15 WILLIAMS LAKE BC V2G4N8	DOM	1,000.00 GD	Jan 01	Dec 31		
	Soda Creek		NR1157	J N					05D CAR - QUESNEL RIVER	
1958/06/13	P030316	0330676	L 1 OF L 61 CARIBOO DIST PLAN 9613 EXC PLAN 11770	ROBERTS W DUNCAN BOX 17 MCLEESE LAKE B C V0L1P0	DOM	500.00 GD	Jan 01	Dec 31		
	Soda Creek		NR1157	J N					05D CAR - QUESNEL RIVER	
1963/01/23	P018109	0342552	L 11949 CARIBOO DIST	SUSEI TOM BOX 7 MCLEESE LAKE B C V0L1P0	DOM	500.00 GD	Jan 01	Dec 31		
	Soda Creek		NR1157	J N					05D CAR - QUESNEL RIVER	
1963/06/12	P049494	0344475	19 AC OF PART OF L 9480 CARIBOO DIST LYING N OF HCR R/W & W OF HWY 97 (PLAN H496)	FORESTLAE KHILA J & RENE J PO BOX 4441 WILLIAMS LAKE BC V2G2V5	DOM IRR	1,000.00 GD 47.50 AF	Jan 01 Apr 01	Dec 31 Sep 30		
	Soda Creek Soda Creek		NR1157 NR1157	K N N N					05D CAR - QUESNEL RIVER	

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
	Source		MR Map	POD RED POD Comments					Proc	
1966/07/26	F049845	0270267	29.6 AC OF L 12604 & PART OF L 9480 CARIBOO DIST LYING E OF HWY 97 (PLAN H404)	BAEHR BARRY HIGHWAY 97N RR 4 WILLIAMS LAKE B C V2G4N8	IRR	74.00 AF	Apr 01	Sep 30		
	Soda Creek		MR1157	P N					05D CAR - QUESNEL RIVER	
1976/08/05	F050084	0340075	L 12604 CARIBOO DIST	BAEHR BARRY HIGHWAY 97N RR 4 WILLIAMS LAKE B C V2G4N8	DOM	500.00 GD	Jan 01	Dec 31		
	Soda Creek		MR1157	V N					05D CAR - QUESNEL RIVER	

---------- Total of 7 Licences Reported ----------

Stream Register Report Water Licence Information System

Report Requested By : JSTEINHAUER
Date Report Requested : 1995/10/20 08:26
Report Sorted By : Source Gazetted - Priority Date - Licence Number
Selection Criteria
START POINT : M018669 - Seven Mile Lake on South Hawks Creek
END POINT : S018632 - South Hawks Creek left of Hawks Creek

Priority YYYY/MM/DD	Licence Number	File Number	Appurtenancy	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
	Source		MR Map	POD RED POD Comments						Proc
1900/12/12	C063418	0242494	20 AC OF L C OF L 129 0890 & 8891 CARIBOO DIST PL 28377	PATENAUDE ROGER J BOX 577 150 MILE HOUSE BC V0K2G0	IRR STONP	40.00 AF 40.00 AF	Apr 01 Oct 01	Sep 30 Jun 01	STOR IN SEVEN MILE LK	
	South Hawks Creek South Hawks Creek		MR1161 MR1161	A N B N						05D CAR - QUESNEL RIVER
1900/12/22	F010457	0241140	224 AC OF IR 2 DEEP CR CARIBOO DIST	SODA CREEK INDIAN BAND 989-716-8276 RR 4 COMP 2 SITE 15 WILLIAMS LAKE BC V2G4N8	DDM IRR	2,000.00 GD 560.00 AF	Jan 01 Apr 01	Dec 31 Sep 30	STOR AT F 10459 ROSELAKE CR	
	South Hawks Creek South Hawks Creek Hawks Creek Hawks Creek Hawks Creek Hawks Creek Hawks Creek		MR1159 MR1159 MR1159 MR1159 MR1159 MR1159 MR1159	H N F N N N G N C N D N E N						05D CAR - QUESNEL RIVER
1928/08/28	F010459	0083372	49 AC OF IR 2 DEEP CR CARIBOO DIST	SODA CREEK INDIAN BAND 989-716-8276 RR 4 COMP 2 SITE 15 WILLIAMS LAKE BC V2G4N8	IRR	122.50 AF	Apr 01	Sep 30		
	South Hawks Creek South Hawks Creek		MR1159 MR1159	N N F N						05D CAR - QUESNEL RIVER
1972/09/08	C045870	0310834	40 AC OF FRAC SW 1/4 OF L 8135 CARIBOO DIST	FURLONG MERVYN R & SHIRLEY G BOX 659 150 MILE HOUSE BC V0K1G0	IRR	40.00 AF	Apr 01	Sep 30	STOR AT C 45871 S HAWKS CR	
	South Hawks Creek Seven Mile Lake		MR1161 MR1161	A N REDIVERSION AT W 1161 SEVEN MILE LK W Y REDIVERSION FROM A 1161 S HAWKS CR						05D CAR - QUESNEL RIVER

Priority YYYY/MM/DD	Licence File Number	Appurtenancy Number	Licensee	PUC	Quantity/Units	Term Start	Term End	Licence Comments	Process Status
Source	WR Map	POD	RED POD Comments					Proc	
1972/09/08	C045871	0310834 STOR FOR C 45870 S HAWKS CR	FURLONG MERVYN R & SHIRLEY G BOX 698 150 MILE HOUSE BC V0K2G0	STONP	40.00 AF	Oct 01	May 31	STOR IN SEVEN MILE LK	
South Hawks Creek	WR1161	A N						05D CAR - QUESNEL RIVER	
1974/05/27	C045034	0323145 50 AC OF BLK C OF L 9052 CARIBOO DIST	DONALDSON ROBERT B & CHRISTINE BOX 163 150 MILE HOUSE B C V0K2G0	IRR	50.00 AF	Apr 01	Sep 30	STOR AT C 45035 S HAWKS CR	
South Hawks Creek	WR1161	A N	REDIVERSION AT CC 1161 SEVEN MILE LK					05D CAR - QUESNEL RIVER	
Seven Mile Lake	WR1161	CC Y	REDIVERSION FROM A 1161 S HAWKS CR						
1974/05/27	C045035	0323145 STOR FOR C 45034 S HAWKS CR	DONALDSON ROBERT B & CHRISTINE BOX 163 150 MILE HOUSE B C V0K2G0	STONP	50.00 AF	Oct 01	May 31	STOR IN SEVEN MILE LK	
South Hawks Creek	WR1161	A N						05D CAR - QUESNEL RIVER	

---------- Total of 7 Licences Reported ----------

HAWKS CREEK NEAR SODA CREEK - STATION NO. 08MC013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1931	---	---	---	---	---	---	---	---	---	---	---	---	---	1931
1935	---	---	---	---	---	0.919	0.305	0.174	---	---	---	---	---	1935
1936	---	---	---	---	2.56	0.581	0.195	0.065	0.049	---	---	---	---	1936
1937	---	---	---	---	1.08	0.516	0.131	0.091	0.087	0.111	---	---	---	1937
1938	---	---	---	---	0.464	0.167	0.063	0.025	0.020	---	---	---	---	1938
1939	---	---	---	---	---	0.678	0.769	0.232	0.164	0.262	---	---	---	1939
1940	---	---	---	---	0.778	0.395	0.117	0.074	0.067	0.079	---	---	---	1940
1941	---	---	---	---	0.100	0.112	0.071	0.023	0.108	---	---	---	---	1941
MEAN	---	---	---	---	0.996	0.481	0.236	0.098	0.083	0.151	---	---	---	MEAN

LOCATION - LAT 52 15 55 N DRAINAGE AREA, 445 km²
LONG 122 07 44 W REGULATED

HAWKS CREEK NEAR SODA CREEK - STATION NO. 08MC013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1931	---	---	0.008 ON AUG 04	---	1931
1935	---	---	0 ON SEP 09 *	---	1935
1936	---	---	0.028E ON SEP 28	---	1936
1937	---	---	0.037 ON SEP 23	---	1937
1938	---	---	0.014 ON SEP 07	---	1938
1939	---	---	0.085 ON AUG 30	---	1939
1940	---	---	0.034 ON OCT 31	---	1940
1941	---	---	0.020 ON AUG 29	---	1941
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

HAWKS CREEK NEAR WILLIAMS LAKE - STATION NO. 08MC012

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1930	---	---	---	---	---	---	---	---	0.006	---	---	---	---	1930
1932	---	---	---	---	0.364	0.032	0.193	0.006	0.004	---	---	---	---	1932
1933	---	---	---	---	---	0.907	0.279	0.028	0.005	---	---	---	---	1933
1934	---	---	---	---	0.624	0.262	0.114	0.052	0.117	---	---	---	---	1934
1935	---	---	---	0.941	2.61	0.635	0.100	0.011	0.011	0.019	---	---	---	1935
1936	---	---	---	---	---	0.299	0.080	0.030	0.012	0.039	---	---	---	1936
1937	---	---	---	0.394	0.631	0.268	0.039	0.014	0.013	0.028	---	---	---	1937
1938	---	---	---	0.250	0.145	0.077	0.021	0.008	0.008	0.008	---	---	---	1938
1939	---	---	---	0.780	0.566	0.313	0.424	0.120	0.017	0.026	---	---	---	1939
1940	---	---	---	0.910	0.506	0.270	0.019	0.020	0.003	0.004	---	---	---	1940
1941	---	---	---	0.031	0.040	0.191	0.018	0.010	0.020	0.051	---	---	---	1941
MEAN	---	---	---	0.551	0.686	0.325	0.129	0.030	0.020	0.025	---	---	---	MEAN

LOCATION - LAT 52 13 15 N DRAINAGE AREA, 110 km²
LONG 121 50 15 W REGULATED

HAWKS CREEK NEAR WILLIAMS LAKE - STATION NO. 08MC012

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1930	---	---	0.006 ON AUG 22	---	1930
1932	---	1.70 E ON MAY 11	0 ON AUG 11 *	---	1932
1933	---	---	0.003 ON AUG 28	---	1933
1934	---	---	0.014 ON SEP 01	---	1934
1935	---	4.73 ON MAY 06 *	0.006 ON SEP 03	---	1935
1936	---	---	0.008 ON AUG 29	---	1936
1937	---	1.18 ON APR 29	0.006 ON AUG 08	---	1937
1938	---	0.365 ON APR 18	0.003 ON AUG 27	---	1938
1939	---	1.64 ON APR 26	0.006 ON OCT 01	---	1939
1940	---	1.25 ON APR 29	0.003 ON AUG 25	---	1940
1941	---	0.408 ON JUN 05	0.006 ON JUL 17	---	1941
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

SODA CREEK NEAR THE MOUTH - STATION NO. 08MC030

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1967	---	---	---	---	0.024	0.024	0.028	0.031	0.030	---	---	---	---	1967
1968	---	---	---	---	0.022	0.021	---	---	0.045	---	---	---	---	1968
1969	---	---	---	0.027	0.021	0.016	0.020	0.033	0.037	---	---	---	---	1969
1970	---	---	---	0.025	0.016	0.009	0.009	0.013	0.026	---	---	---	---	1970
1971	---	---	---	0.022	0.012	0.018	0.018	0.023	0.037	---	---	---	---	1971
1972	---	---	---	0.026	0.012	0.023	0.050	0.059	0.066	---	---	---	---	1972
1973	---	---	---	0.029	0.011	0.020	0.012	0.010	0.021	---	---	---	---	1973
1974	---	---	---	0.020	0.013	0.015	0.015	0.026	0.034	---	---	---	---	1974
1975	---	---	---	0.023	0.016	0.016	0.013	0.026	0.033	---	---	---	---	1975
MEAN	---	---	---	0.025	0.016	0.018	0.021	0.028	0.037	---	---	---	---	MEAN

LOCATION - LAT 52 20 25 N LONG 122 16 00 W DRAINAGE AREA, 54.9 km²
REGULATED

SODA CREEK NEAR THE MOUTH - STATION NO. 08MC030

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1967	---	0.040 ON JUL 31	0.014 ON JUN 28	---	1967
1968	---	0.054 ON SEP 16	0.013 ON JUN 04	---	1968
1969	---	0.037 ON AUG 28	0.009E ON JUN 22	---	1969
1970	---	0.027E ON SEP 04	0.004 ON JUL 17 *	---	1970
1971	---	0.042 ON SEP 09	0.007 ON MAY 07	---	1971
1972	---	0.071 ON AUG 28 *	0.006 ON JUN 05	---	1972
1973	---	0.034 ON APR 06	0.005 ON JUL 20	---	1973
1974	---	0.040E ON SEP 12	0.007 ON MAY 03	---	1974
1975	---	---	---	---	1975
	E - ESTIMATED	* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

SOLES CREEK NEAR GALENA - STATION NO. 08NA046

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1945	---	---	---	---	---	---	0.021	0.011	0.010	---	---	---	---	1945
1946	---	---	---	0.012	0.068	0.075	0.050	0.029	0.030	---	---	---	---	1946
1947	---	---	---	0.037	0.099	0.099	0.064	0.038	0.027	---	---	---	---	1947
1948	---	---	---	0.015	---	---	---	0.038	0.026	---	---	---	---	1948
MEAN	---	---	---	0.021	0.084	0.087	0.045	0.029	0.023	---	---	---	---	MEAN

LOCATION - LAT 50 57 26 N LONG 116 24 26 W DRAINAGE AREA, 9.07 km²
NATURAL FLOW

SOLES CREEK NEAR GALENA - STATION NO. 08NA046

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1945	---	---	---	---	1945
1946	---	0.091 ON JUN 02	---	---	1946
1947	---	0.142 ON MAY 25 *	---	---	1947
1948	---	---	---	---	1948
		* - EXTREME RECORDED FOR THE PERIOD OF RECORD		---	MEAN

FRASER RIVER AT BIG BAR CREEK - STATION NO. 08MD013

MONTHLY AND ANNUAL MEAN DISCHARGES IN CUBIC METRES PER SECOND FOR THE PERIOD OF RECORD

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MEAN	YEAR
1935	---	---	---	---	3 150	3 940	3 570	2 070	1 310	996	846	688	---	1935
1936	538	---	---	---	3 630	4 150	3 320	1 960	1 410	1 480	1 530	984	---	1936
1937	---	---	---	---	2 480	3 700	2 970	2 130	1 600	1 160	1 060	612	---	1937
1938	549	495	549	1 060	2 100	3 040	2 500	1 490	1 280	869	593	517	1 240	1938
1939	482	---	482	943	2 100	3 040	2 500	1 490	1 280	869	593	517	---	1939
			---	1 520	3 750	3 890	3 360	2 110	1 440	1 470	1 350	1 460		
1940	---	---	---	1 560	2 870	3 360	2 900	2 110	1 440	1 120	---	---	---	1940
1941	---	544	562	1 560	1 970	2 560	2 320	1 600	1 730	2 110	1 290	903	---	1941
1942	---	498	436	865	2 010	3 220	2 560	1 740	1 140	1 010	692	595	---	1942
1943	512	482	368	1 380	1 720	3 150	2 320	2 240	1 340	989	657	430	1 390	1943
1944	357	343	324	1 220	1 980	3 010	2 240	2 160	1 650	1 460	989	539	1 360	1944
1945	517	437	356	625	2 600	3 860	2 410	1 580	1 090	862	654	487	1 290	1945
1946	394	332	373	769	3 570	4 080	3 040	1 940	1 060	648	480	413	1 430	1946
1947	394	363	436	1 420	3 280	4 430	3 570	2 100	1 450	1 310	942	---	---	1947
1948	---	---	---	591	4 180	5 620	3 160	2 970	2 180	1 490	959	---	---	1948
1949	---	---	---	1 600	3 760	3 680	2 710	2 400	1 400	1 080	1 230	691	---	1949
1950	---	---	---	---	2 850	4 870	3 620	2 080	1 370	1 000	---	---	---	1950
1951	---	---	---	---	3 630	3 280	2 950	1 740	970	762	718	---	---	1951
1952	---	---	---	---	3 320	3 720	3 340	1 930	1 240	1 050	---	---	---	1952
1953	---	---	---	---	2 860	2 970	2 480	1 640	1 460	1 140	1 120	---	---	1953
1954	---	---	---	---	2 290	3 790	3 500	2 490	1 790	1 480	1 520	962	---	1954
1955	---	---	---	---	2 220	4 270	4 120	2 530	1 220	869	572	---	---	1955
1956	---	---	---	---	3 110	4 020	2 580	1 550	1 100	968	755	---	---	1956
1957	---	600	550	948	4 550	3 460	2 700	1 090	1 560	948	1 140	987	---	1957
1958	849	708	759	1 730	3 830	3 810	3 470	1 640	1 510	1 940	949	697	1 750	1958
1959	580	489	463	967	2 940	3 860	3 350	2 240	2 520	2 010	1 620	1 060	1 850	1959
1960	676	594	609	1 540	2 630	3 900	3 930	2 300	1 940	1 760	1 160	682	1 810	1960
1961	710	561	605	1 330	2 980	3 730	2 330	1 670	1 740	1 790	1 000	---	---	1961
1962	---	---	---	1 600	2 380	3 720	3 710	2 830	1 620	1 580	1 640	935	---	1962
1963	799	854	810	1 410	2 600	3 750	3 000	2 120	1 770	1 420	865	---	---	1963
1964	---	---	---	916	2 700	6 240	4 340	3 350	2 130	2 110	1 300	---	---	1964
1965	---	---	---	---	3 330	4 290	3 180	2 270	1 270	1 530	1 050	586	---	1965
1966	450	447	481	1 540	3 380	3 980	3 340	2 310	1 590	1 550	1 030	---	---	1966
1967	---	---	---	---	3 690	5 730	3 620	2 170	1 430	1 200	1 200	656	---	1967
1968	584	598	798	1 070	3 290	4 310	4 110	2 240	1 830	1 450	1 110	615	1 850	1968
1969	499	441	416	1 530	2 440	3 100	2 080	1 950	1 820	1 510	1 220	859	1 490	1969
1970	561	601	576	903	2 280	3 710	2 250	1 520	1 200	1 020	581	429	1 310	1970
1971	459	491	434	1 050	3 180	3 620	2 800	1 990	1 430	1 190	975	546	1 520	1971
1972	---	---	---	---	3 800	5 820	---	---	---	---	922	---	---	1972
MEAN	551	520	519	1 220	2 980	3 940	3 070	2 090	1 520	1 310	1 030	722	1 520	MEAN

LOCATION - LAT 51 11 14 N DRAINAGE AREA 146 000 km²
LONG 122 08 01 W REGULATED SINCE 1952

REMARKS - DRAINAGE AREA INCLUDES THE 14 000 KM2 BEHIND KENNEY DAM

FRASER RIVER AT BIG BAR CREEK - STATION NO. 08MD013

ANNUAL EXTREMES OF DISCHARGE AND ANNUAL TOTAL DISCHARGE FOR THE PERIOD OF RECORD

YEAR	MAXIMUM INSTANTANEOUS DISCHARGE (m^3/s)	MAXIMUM DAILY DISCHARGE (m^3/s)	MINIMUM DAILY DISCHARGE (m^3/s)	TOTAL DISCHARGE (dam^3)	YEAR
1935	---	4 930 ON JUL 05	---	---	1935
1936	---	6 710 ON JUN 04	---	---	1936
1937	---	4 530 ON JUN 21	---	---	1937
1938	---	3 710 ON MAY 29	416 ON DEC 29	39 200 000	1938
1939	---	5 640 ON MAY 20	411 ON DEC 30	---	1939
1940	---	4 470 ON JUN 17	---	---	1940
1941	---	3 200 ON OCT 06	---	---	1941
1942	---	4 250 ON MAY 30	422 ON FEB 27	---	1942
1943	---	4 640 ON JUN 27	408 ON FEB 27	43 700 000	1943
1944	---	3 650 ON JUN 06	193B ON DEC 22	42 900 000	1944
			113B ON MAR 03 *		
1945	---	4 640 ON JUN 02	309E ON JAN 01	40 800 000	1945
1946	---	5 550 ON MAY 31	173E ON NOV 26	45 200 000	1946
1947	---	5 240 ON JUN 13	235E ON FEB 04	---	1947
1948	---	8 180 ON MAY 31 *	---	---	1948
1949	---	5 130 ON MAY 15	---	---	1949
1950	---	6 650 ON JUN 22	---	---	1950
1951	---	5 100 ON MAY 19	---	---	1951
1952	---	5 150 ON MAY 22	---	---	1952
1953	---	3 940 ON MAY 22	---	---	1953
1954	---	4 840 ON JUL 05	---	---	1954
1955	---	7 110 ON JUN 28	---	---	1955
1956	---	5 320 ON JUN 08	---	---	1956
1957	---	5 690 ON MAY 23	---	---	1957
1958	---	5 550 ON JUN 01	569 ON FEB 18	55 100 000	1958
1959	---	4 810 ON JUN 06	439E ON MAR 21	58 300 000	1959
1960	---	5 240E ON JUN 30	473 ON MAR 03	57 300 000	1960
1961	---	---	---	---	1961
1962	---	5 040E ON JUN 30	---	---	1962
1963	---	5 590 ON JUN 15	---	---	1963
1964	---	7 450 ON JUN 20	---	---	1964
1965	---	5 270 ON JUN 06	---	---	1965
1966	---	5 010 ON MAY 12	354B ON JAN 01	---	1966
1967	---	6 540 ON JUN 06	---	---	1967
1968	---	5 320 ON MAY 25	467B ON DEC 29	58 700 000	1968
1969	---	3 790 ON JUN 07	396B ON MAR 01	47 100 000	1969
1970	---	5 270 ON JUN 07	337B ON NOV 29	41 200 000	1970
1971	---	4 590 ON JUN 17	285B ON JAN 01	47 900 000	1971
1972	---	7 930 ON JUN 16	---	---	1972
				48 100 000	MEAN

B - ICE CONDITIONS
E - ESTIMATED
* - EXTREME RECORDED FOR THE PERIOD OF RECORD

SCHEDULE of Indian Reserves in the Dominion—*Continued.*

BRITISH COLUMBIA—WILLIAMS LAKE AGENCY—*Concluded.*

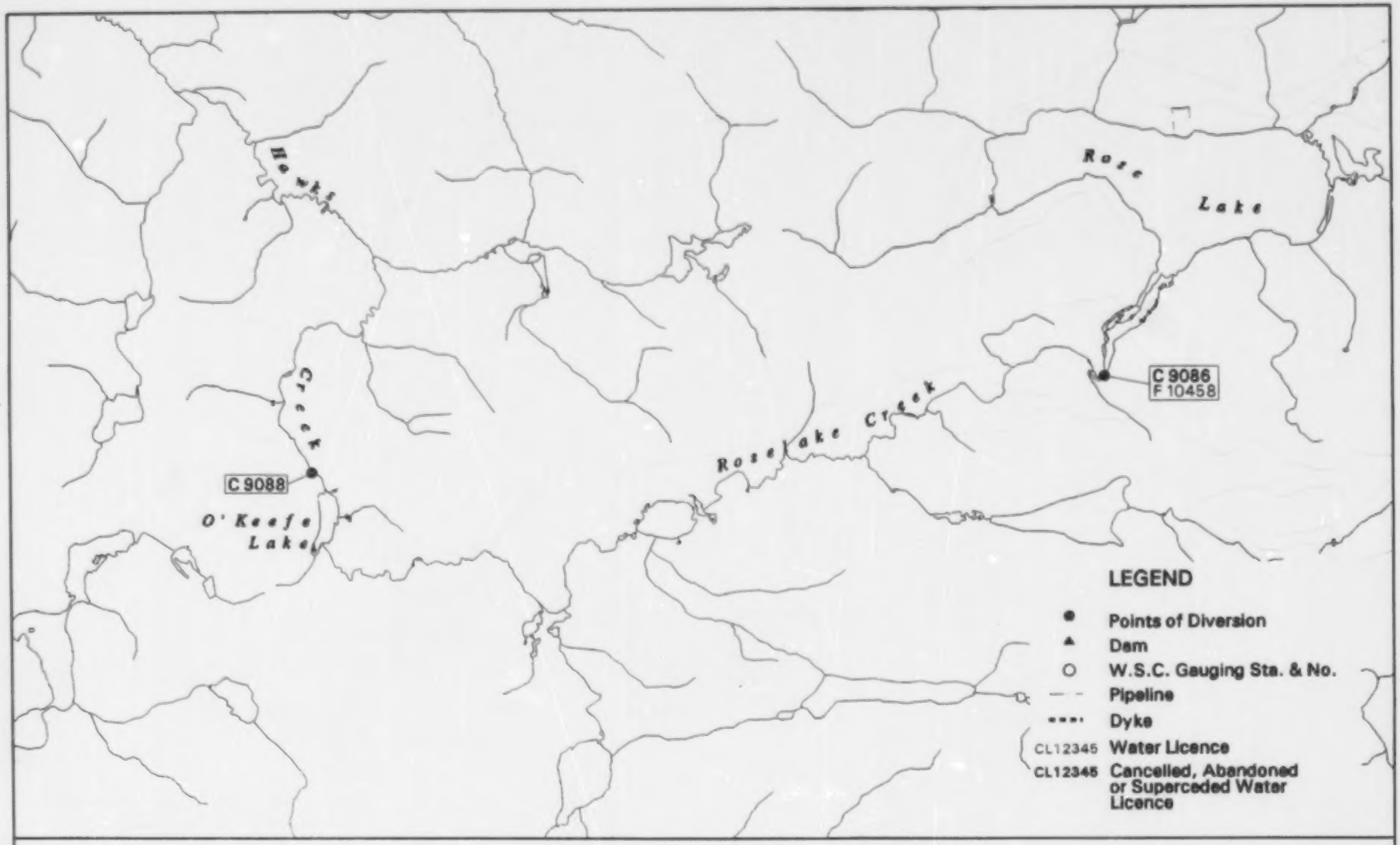
No.	Name.	Where Situated.	Tribe or band.	Area, Acres.	Remarks.
2	Deep Creek	Cariboo district, east of the 168-mile post on the Cariboo wagon road.	Soda Creek	4,120·00	100 inches of water recorded from 170-mile creek. Allotted by Commissioner O'Reilly, June 20, 1881. Surveyed, 1894. Approved, April 23, 1895.
1		Cariboo district, on the south bank of Chilcoten river about 2½ miles west of Hanceville.	Stone	3,925·00	100 inches of water recorded from Menton creek.
2	Meadow reserve	Cariboo district, about eight miles southeast of reserve No. 1.	"	320·00	Includes a grave-yard on the trail from Hanceville to Anaham Flat. The privilege of fishing in the Chilcoten river from a point one and a half miles below Hanceville down stream for one mile. Allotted by Commissioner O'Reilly, July 11, 1887. Surveyed, 1894. Approved, April 23, 1895.
1	Toosey	Cariboo district, on Riskie creek, one mile west of lot 66, group 1, in the sub-district of Chilcoten.	Toosey	5,780·00	100 inches of water recorded from Riskie creek; 200 inches of water recorded from Mackin creek. Allotted by Commissioner O'Reilly, July 13, 1887. Surveyed, 1894. Approved, April 23, 1895.
2	Meadow reserve	Cariboo district, about five miles northwest of the Indian village, on reserve No. 1.	"	560·00	
3		Cariboo district, about two miles above the mouth of Riskie creek on the right bank of Fraser river.	"	12·25	
1	Williams Lake	Cariboo district, east of the head or eastern end of Williams lake.	Williams Lake	4,074·00	1,464 acres of this reserve were purchased by the Dominion government from the 'Bates' Estate on March 5, 1881, for the use of the Indians.
2		Cariboo district, one and three-eighth miles north of reserve No. 1.	"	120·00	This reserve includes a lake made by the Indians to obtain a water supply.
3	Meadow reserve	Cariboo district, two miles northeast of reserve No. 2.	"	180·00	
4	Fishery "	Cariboo district, on the left bank of Fraser river, at the confluence of San José creek.	"	0·25	
5	" "	Cariboo district, on the left bank of Fraser river at the confluence of Chimney creek.	"	50·00	
6	"	Cariboo district, at the foot of Williams lake, one quarter of a mile from the efflu-ence of San José river.	"	6·50	
7	Grave-yard	Cariboo district, on the right bank of Chimney creek, on the property of Mr. Isnardy.	"	0·14	
8	"	Cariboo district, on the road from Williams lake to Soda creek and on the land owned by Mr. Pinchbeck.	"	0·25	Reserves Nos. 1—14, allotted by Commissioner O'Reilly, July 16, 1881. Surveyed, 1883. Approved June 4, 1884.

23/10/95

Ministry of Environment - Water Management Branch - Groundwater Section
Groundwater Database System
Data Summary - with Legal Descriptions and Old Coordinates

BCGS Map Area	Well No.	Well Tag No.	Lot No.	Plan No.	Blk No.	TP	SC	RG	D.L.	Z	X	Y	Old Well No.	L.D.	Site Address	Date Constructed (dmy)	Well Depth (ft.)	Well Diam. (in.)	Drill Contr No.	Const. Method	Well Yield	Yld. Unt.	Depth to Water (ft.)	Depth to Bedrk (ft.)	Aquif Litho	Screen Interval (ft.)	G.M. Rpt	Chem Lab
										08	09	09	088	95		04-01-1977	105.0	6.0	003	DRI	10.0	GPM	0	UNK	UNC			
093B.039.2.3.1	002	0000000936541																										

DISCLAIMER: The Province disclaims all responsibility for the accuracy of this information. This information should not be used as a basis for making financial or any other commitments.



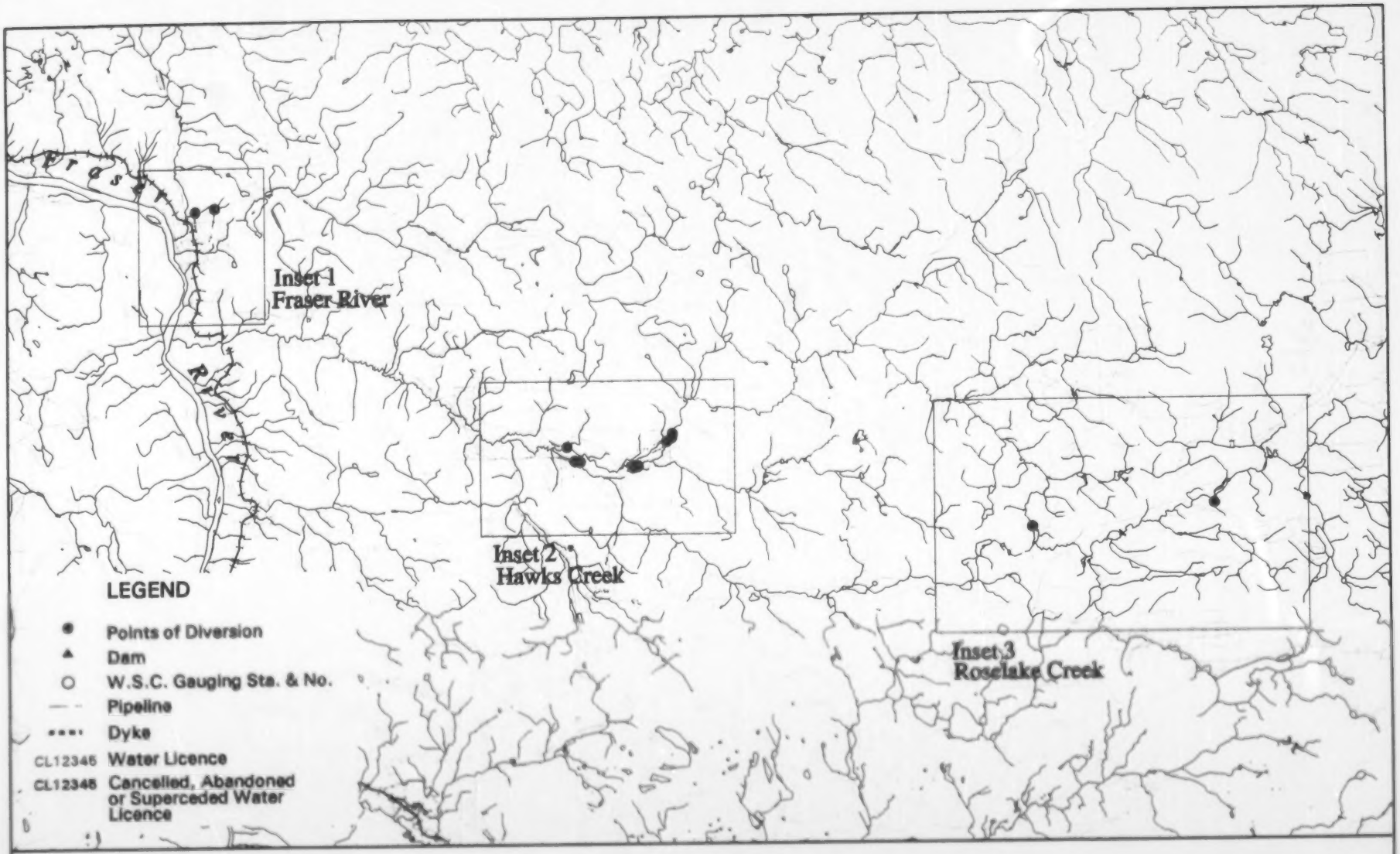
Roselake Creek

Scale 1:40,000

Ministry of Environment, Lands & Parks

Date: February 26, 2000

Environment & Lands Division



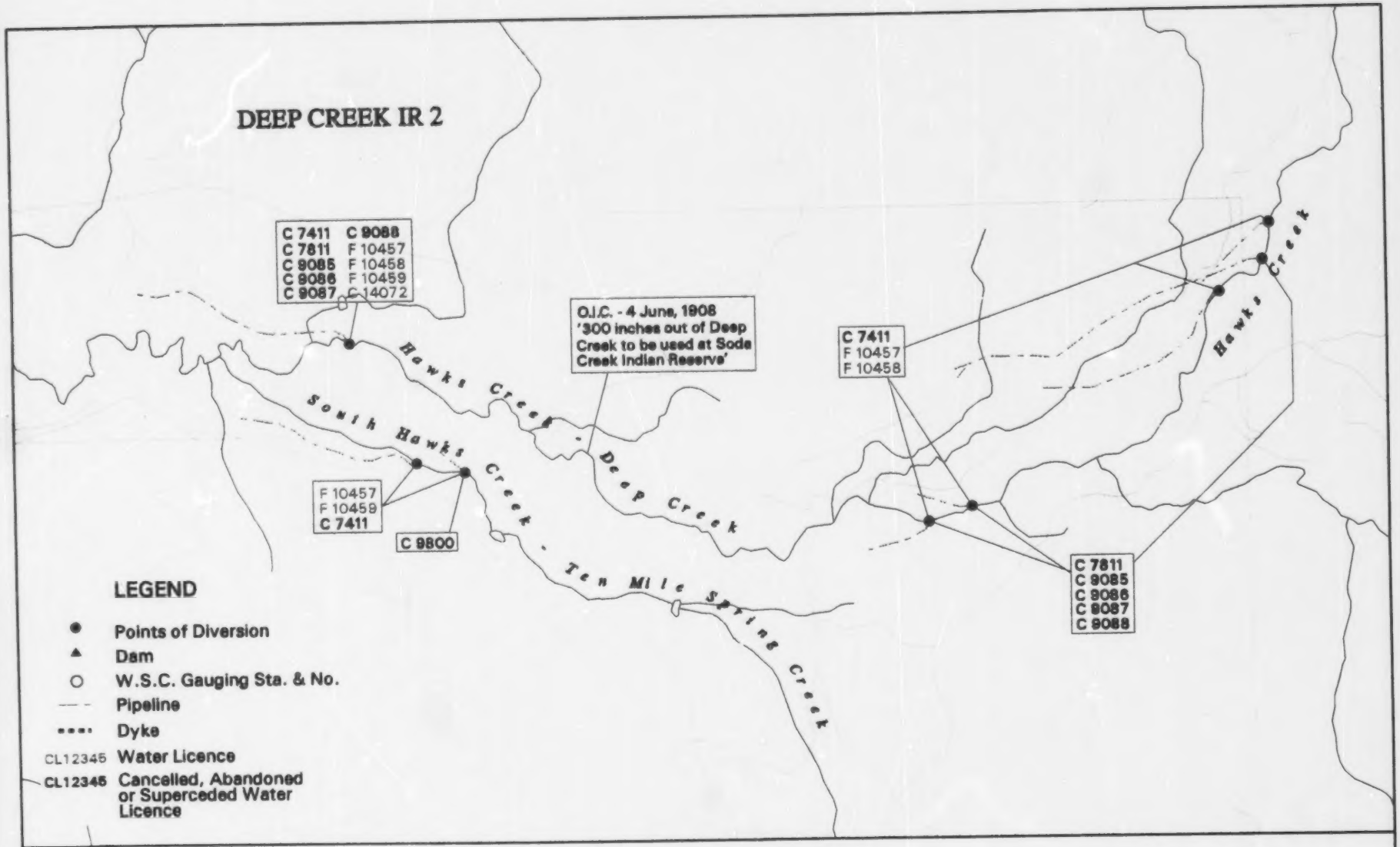
Soda Creek

Scale 1:175,000

Ministry of Environment, Lands & Parks

Date: February 26, 2000

Environment & Lands Division



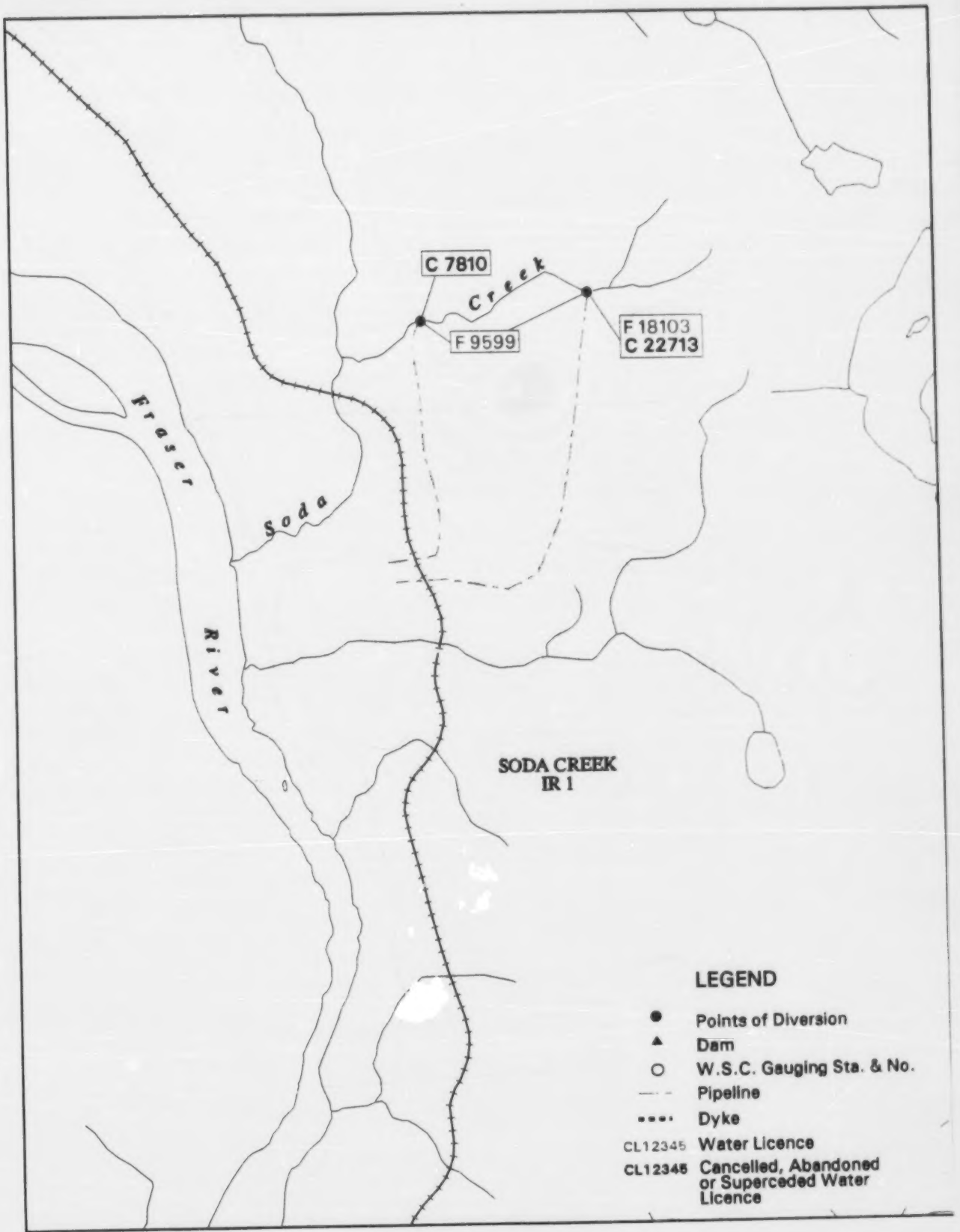
Hawks Creek

Scale 1:20,000

Ministry of Environment, Lands & Parks

Date: February 26, 2000

Environment & Lands Division



Fraser River

Scale 1:20,000

Ministry of Environment, Lands & Parks

Date: February 26, 2000

Environment & Lands Division